

HANDBUCH DER ORIENTALISTIK HANDBOOK OF ORIENTAL STUDIES

ERSTE ABTEILUNG DER NAHE UND MITTLERE OSTEN THE NEAR AND MIDDLE EAST

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ZWEIUNDREISSIGSTER BAND A GRAMMAR OF EGYPTIAN ARAMAIC



A GRAMMAR OF EGYPTIAN ARAMAIC

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BRILL
LEIDEN · NEW YORK · KÖLN
1998

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PREFACE

We have the pleasure of presenting herewith a comprehensive grammar of Egyptian Aramaic. Until now Aramaic and Semitic scholarship has had at its disposal P. Leander's classic *Laut- und Formenlehre des Ägyptischen Aramäisch* (1928). Although Leander's grammar is a solid piece of work along the lines of historical grammar, it suffers from one major drawback: it lacks syntax. In this grammar, by contrast, well-nigh half of its space has been allocated to morphosyntax and syntax. Moreover, the past seven decades have witnessed a considerable increase in new Aramaic texts, significant in quantity and quality alike. This is, as far as texts from Egypt are concerned, evident in Porten and Yardeni's *Textbook of Aramaic Documents from Ancient Egypt*, soon to be completed with its fourth and final volume. The present grammar is based on this edition, which incorporates not only many new documents which were unknown to Leander, but also old texts reexamined at their source and reedited. S. Segert's *Altaramäische Grammatik* (1975) deals with Early Aramaic in a much wider context, wider geographically as well as chronologically. We believe, however, that the corpus represented by *Textbook* justifies a grammar dedicated to it. When combined with Degen's Aramaic grammar dealing with the 10th-8th centuries (1978), Dion's (1974) and Tropper's (1993) dealing with Samalian, the present work fills a gap to provide an almost complete picture of Early Aramaic grammar.

This is not a beginners' grammar. We assume that the reader already possesses basic knowledge of Aramaic with some vocabulary acquired from a study of an Aramaic idiom with a reasonably firm tradition of vocalisation, such as Biblical Aramaic, Targumic Aramaic or Classical Syriac. Hence there are no exercises. However, for the benefit of those who are not trained as grammarians or linguists, a simple glossary of technical terms has been appended. We have also translated almost every Aramaic citation, whether single words, phrases or clauses.

Our approach is essentially descriptive and synchronic. However, given the nature of the texts in question it was often felt necessary to draw upon data in earlier or later phases of Aramaic and other cognate Aramaic dialects.

The basic research for the purpose of this grammar was undertaken by Muraoka, who subsequently wrote a draft, which was jointly and fully discussed by both of the undersigned at three intensive meetings. Both of us therefore are jointly responsible for the data and their analysis and interpretation presented in this grammar.

It remains for us to acknowledge our debt of thanks to a number of individuals and organisations: the Dutch Organisation for Scientific Research (NWO) and Research School CNWS of Leiden University, each for a generous grant supporting Porten's visits to Leiden; Prof. S. Kaufman and Dr. E.M. Cook of the Comprehensive Aramaic Lexicon Project for a keyword-in-context concordance of the entire corpus, which has saved us hundreds of hours in locating and collecting words and forms; Prof. Shaul Shaked of the Hebrew University in Jerusalem, who reviewed all the Persian loanwords; Prof. K.-Th. Zauzich of Würzburg and Dr G. Vittmann (*Demotisches Namenbuch*), and Mr Alejandro Botta regarding the Egyptian loanwords; the publisher E.J. Brill, which has agreed to add the volume to its renowned series *Handbuch der Orientalistik*; Dr F. Dijkema, formerly of Brill, with whom we initially negotiated this project and its inclusion in the series; Mr A. Hoffstädt and Ms P. Radder of Brill's Near East section; and last but not least, Keiko Muraoka, the spouse of one of us, who patiently undertook the tedious task of keying-in Aramaic phrases and sentences anew, and assisting with preparation of Indices.

September, 1997.
Leiden and Jerusalem

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INTRODUCTION

Scope of the corpus

The first discovery of an Egyptian Aramaic document by a European was made in 1704—a funerary stela now in the municipal library/museum of Carpentras, France (D20.5). The most recent discovery was of some papyrus fragments and ostraca in 1988 by the German archaeological expedition at Elephantine (D3.16-18, 21; 4.23; 5.33-35, 41; 11; 14). An exhaustive catalogue of all "Egyptian Aramaic texts" is found in an entry by that name in E.M. Meyers, ed., *The Oxford Encyclopaedia of Archaeology in the Near East* (New York, 1997), V, 393-410. The dated documents span the fifth century BCE (515-399 [B1.1; A3.9]), when Aramaic was the *lingua franca* of the Persian Empire. A seal goes back to the time of Assyrian rule (D14.1); a few texts are palaeographically and/or historically dated in the seventh (A1.1; D11.1, 16.1) or sixth century (D14.2), while several point to the fourth century (A3.10, 11; B5.6; C3.27; D1.16, 31, 2.35, 3.47, 8.2) or to the time of Ptolemaic rule (C3.28, 29, 4.9; D1.17, 7.55-57, 8.3-13, 9.15, 10.2, 11.26, 15.5, 21.4-16). The major find site is the Jewish military colony on the island of Elephantine, alongside its sister Aramaean garrison on the mainland at Syene (Aswan). These soldiers came with their families under the Saïtes, served their Persian successors, and left us letters, both private and official, legal documents, lists and accounts, a couple of literary pieces (C1.1-2) and an historical text (C2)—all written on papyrus; ephemeral items on ostraca, such as lists and messages sent from the mainland to the island (D7); and a single dedicatory inscription on stone (D17.1). At the same time there existed an Aramaean (and Jewish) centre at Saqqarah and this has yielded some 250 papyrus fragments and a handful of ostraca, published by N. Aimé-Giron in 1931 and 1939 and by J.B. Segal in 1983. All of the Aimé-Giron papyri have been newly collated. Unfortunately, the Segal texts were not reproduced 1:1 and lack measure. The excavation director, Harry Smith, made available to us the original negatives, and we published 26 of Segal's texts, legal documents and land registries (B4.7, 5.6, 8.1-4, 6-12; C3.3, 6, 11, 18, 20, 22-24). But since we

were not given access to the originals and were therefore unable to vouch for the readings in many of the problematic texts, we decided not to reproduce any of them, except for a few ceramic pieces (D11.22-25). The primary source of Aramaic material during the Ptolemaic period was Edfu (D1.17, 7.55; 8.3-6; 9.15, 11.22-25, 21.7-16) and pieces of unknown origin may have come from there as well (C3.28-29; D7.56-57; 8.7-11). Isolated items, particularly graffiti, come from numerous sites throughout Egypt, but for the most part they lack grammatical context. Notable exceptions are the libation bowls from Tel el-Maskhuta (D15.1-4); the funerary stelae, probably all from Memphis-Saqqarah (D20.1-6); the graffito from Giza (D22.1), a couple from Abydos (D22.25, 27) and the ones from Wadi el-Hudi (D22.46-51); and the tantalizing but all too fragmentary narrative from Sheikh Fadl (D23).

Previous studies on the language of the corpus

This grammar presents results of a linguistic analysis of the corpus of Egyptian Aramaic texts whose historical, geographical and literary scope has been outlined above and which have been published in B. Porten - A. Yardeni's *Textbook of Aramaic Documents from Ancient Egypt* (Jerusalem, 1986-).

A sketch of the Aramaic language of the first batch of the corpus was attempted by A.E. Cowley and appended to A.H. Sayce and A.E. Cowley, *Aramaic Papyri Discovered at Assuan* (London, 1906), pp. 14-23. An outstanding Aramaist of all times, Th. Nöldeke, devoted a series of important studies to the newly discovered texts: "Die aramäischen Papyri von Assuan," *ZA* 20 (1907) 130-50, "Neue jüdische Papyri," *ZA* 21 (1908) 195-205, and especially "Untersuchungen zum Achiqar-Roman," *AbhKWGW* 14/4 (1913) 1-63. An attempt at a full-scale grammar was made by Pontus Leander, but its title indicates that it is incomplete, lacking syntax: *Laut- und Formenlehre des Ägyptisch-Aramäischen* (Göteborg, 1928). Leander had co-authored a grammar of Biblical Aramaic with H. Bauer (Bauer - Leander 1927), which is, however, complete. The linguistic method and approach adopted in these two works is identical: an attempt to describe Biblical and Egyptian Aramaic from the perspective of a reconstructed historical development of the language. Given the limited amount of data preserved and their

antiquity, a purely synchronic approach is not capable of adequately describing and evaluating these data. A comparative and historical approach is indispensable, though Bauer and Leander went at times a little too far in this direction.

Having a solid tradition of vocalisation, Biblical Aramaic has always, and justly, been accorded a prominent place in any study of Aramaic of our period. Baumgartner's 1927 study on the Aramaic of Daniel ushered in a new era of Aramaic dialectology, a study which has not been surpassed by Rowley's on the Aramaic of the Old Testament published two years later.

Joüon published in 1934 an article of near-monograph length, offering a host of interesting and original observations on diverse grammatical, lexicographical and philological matters arising from Egyptian Aramaic papyri.

Though never published, Fitzmyer's 1956 Johns Hopkins doctoral dissertation on the syntax of Imperial Aramaic of Egyptian provenience presents a wealth of data and contains not a few illuminating observations.

Kutscher's magisterial survey of 1970 on the achievements in Aramaic linguistics and outstanding desiderata as far as Classical Aramaic is concerned still contains many a valuable and insightful observation based on his first-hand familiarity with the subject matter.

Segert's original intention was apparently to write a grammar which would replace and complete Leander's above-mentioned work, but in the end his grammar (1975) came to cover a much wider ground, as a result of which the treatment of Egyptian Aramaic or Imperial Aramaic suffers slightly from dilution in depth. Degen's thorough—44 pages!—review article (1979) is an essential reading.

Lindenberger's philological commentary on the proverbs of Ahiqar (1983) contains some valuable data, and together with an appendix discussing some important linguistic issues and Aramaic dialectology, represents a valuable contribution to Aramaic linguistics.

Hug's grammar of the Aramaic of the 7th and 6th centuries BCE, designed as a sequel to Degen's grammar of Old Aramaic of the 10th to 8th centuries, deals with a number of texts, notably the Hermopolis papyri, which constitute part of our own corpus.

Last but not least, Folmer's tome on the Aramaic of the Achaemenid period (1995) is a meticulous discussion of select linguistic issues arising from the corpus as delimited by the title

of the original Leiden dissertation. Her main thrust is to address the question of linguistic diversity which one might expect to discover in texts so diverse in chronological and geographical spread, scribal tradition and register. Folmer is not the first to speak for such diversity. The difference in grammar between the Ahiqar narrative and the proverbs ascribed to this sage had become accepted by Aramaic linguists. So also was the unique nature of the Aramaic of the Hermopolis papyri universally recognised almost with their initial publication.

In addition to the above-mentioned major studies touching on the Aramaic represented more or less by our corpus there is a considerable number of *Einzeluntersuchungen*, as any casual glance through the pages of Fitzmyer - Kaufman's valuable bibliography makes plain. Our indebtedness to those numerous studies is apparent at innumerable places throughout our present grammar. Mention ought also to be made of lexicographical work such as Baumgartner's contribution on Biblical Aramaic in Koehler - Baumgartner's dictionary (1953), Vogt's excellent dictionary of Biblical Aramaic (1971) and the recent two-volume dictionary of Northwest Semitic inscriptions by Hoftijzer - Jongeling (1995).

Another important issue, highlighted by Kutscher in particular, is that of interaction between Aramaic and contemporary languages, non-Semitic as well as Semitic. Aramaic has proved to be very flexible and pliable in this respect in absorbing a host of elements from languages as diverse as Hebrew, Egyptian, Akkadian, Persian, and some more. Such an absorption took place not only as lexical borrowings, but also affected depth and intricacies of syntax. Aramaic, however, did not remain a mere importer, but also influenced languages with which it came into contact.

ABBREVIATIONS

- 1QS: the Community Rule from Qumran Cave 1
1QapGn: the *Genesis Apocryphon* from Qumran Cave 1
A: Afel
AAL: *Afroasiatic Linguistics*
act.: active (voice)
adj.: adjective
AfO: *Archiv für Orientforschung*
AION: *Annali dell' Istituto Orientale di Napoli*
AJBI: *Annual of the Japanese Biblical Institute*
AJSL: *American Journal of Semitic Languages and Literatures*
AN: *Abr-Nahrain*
Akk: Akkadian
ap.: apodosis
BA: Biblical Aramaic
BASOR: *Bulletin of the American Schools of Oriental Research*
B.C.E: before the Common Era, = B.C.
BH: Biblical Hebrew
BHK: R. Kittel and P. Kahle, *Biblia Hebraica* (Stuttgart, 1929-37, 1951).
BHS: W. Rudolph and K. Elliger, *Biblia Hebraica Stuttgartensia* (Stuttgart, 1967-77).
Bib: *Biblica*
BN: *Biblische Notizen*
BO: *Bibliotheca Orientalis*
BTA: the Aramaic of the Babylonian Talmud
BZAW: *Beihefte zur Zeitschrift für die alttestamentliche Wissenschaft*
c.: common gender; century
C: Cowley 1923; consonant
ca.: = circa, "approximately"
CD: the Damascus Covenant from the Cairo Genizah and Qumran
cent.: century
cp.: compare
CAD: *The Assyrian Dictionary of the Oriental Institute of the University of Chicago*.
C.E.: the Common Era, = A.D.

conj.: conjunctive (pronoun)

CPA: Christian Palestinian Aramaic

est.: construct (state)

D: Pael

det.: determinate, determined

disj.: disjunctive (pronoun)

diss.: dissertation

Dn: Daniel

DN: divine name

DS-NELL: Dutch Studies in Near Eastern Languages and Literatures

Eth.: Classical Ethiopic

f.: feminine

fem.: feminine

fp: feminine plural

fs: feminine singular

Fschr: Festschrift

G: Grundstam, Peal

GN: geographical name

H: Hafel

HAL: W. Baumgartner, B. Hartmann, E.Y. Kutscher, Ph. Reymond, and J.J. Stamm, Hebräisches und aramäisches Lexikon zum alten Testament (Leiden: E.J. Brill, 1967-90).

IA: Imperial Aramaic, Official Aramaic, *Reichsaramäisch*

IEJ: Israel Exploration Journal

impf.: imperfect

impv.: imperative

inf.: infinitive

IOS: Israel Oriental Studies

JA: Jewish Aramaic

JA: Journal Asiatique

JAOS: Journal of the American Oriental Society

JJS: Journal of Jewish Studies

JNES: Journal of Near Eastern Studies

JS: Journal for Semitics

JSOT: Journal for the Study of the Old Testament

JSS: Journal of Semitic Studies

JThSt: Journal of Theological Studies

juss.: jussive

K: Kraeling 1969

KAI: Donner, H. and W. Röllig, Kanaanäische und aramäische Inschriften mit einem Beitrag von O. Rössler, in 3 volumes.

Bd. I Texte (1971), Bd. II Kommentar (1973), Bd. III Glossare und Indizen, Tafeln (1969). Wiesbaden: O. Harrassowitz.

Lěš: Lěšonénu

m.: masculine

MA: Middle Aramaic

Mand.: Mandaic

mas.: masculine

mrg: margin (of a document)

mp: masculine plural

ms: masculine singular

MUSJ: Mélanges de l'Université de Saint Joseph

N: noun

NC: nominal clause

NESE: Neue Ephemeris für semitische Epigraphik

NP: noun phrase

OA: Old Aramaic

OLA: Orientalia Lovaniensia Analecta

OLZ: Orientalistische Literaturzeitung

Or: Orientalia

OS: Orientalia Suecana.

pass.: passive (voice)

et passim: "and often elsewhere"

pc.: prefix conjugation, also called Imperfect including Jussive and Energic

pf.: perfect

ph.: phrase

pl.: plural

PN: personal name

prep.: preposition

prep.ph.: prepositional phrase

prot.: protasis

PS: Proto-Semitic

ptc.: participle

PY: Porten and Yardeni 1986, 1989, 1993

QA: Qumran Aramaic

RA: Revue assyriologique

RB: Revue Biblique

RdQ: Revue de Qumran

RES: Répertoire d'épigraphie sémitique (Paris, 1900ff.)

RO: Roznik Orientalistyczny

RSO: Revista degli studi orientali.

s.: singular

- SA: Samaritan Aramaic
 sc: suffix conjugation, also called Perfect
 sg.: singular
 sim.: similarly
 SO: *Studia Orientalia*
 st.: status (of the noun: absolute, constructus, determinatus)
 suf: suffix; suffixed
 s.v.: *sub voce*, i.e., under a given lexeme in a dictionary
 Syr.: Classical Syriac
 pl.: plural
 tA: Etfafal
 TA: Targumic Aramaic
 TAD: Porten, B. and A. Yardeni, *Textbook of Aramaic Documents from Ancient Egypt. Newly Copied, Edited and Translated into Hebrew and English*. vol. 1 (1986), vol. 2 (1989), vol. 3 (1993).
 Taj: ספר כתר תורה ... חאג (Jerusalem, 1894-1901)
 TBA: the Aramaic of the Babylonian Talmud
 tD: Ethpaal
 tG: Ethpeel
 tH: Etfafal
 TJ: Targum Jonathan to the Prophets (ed. A. Sperber)
 TO: Targum Onkelos to the Pentateuch (ed. A. Sperber)
 UF: *Ugarit Forschungen*
 Ugr.: Ugaritic
 V: verb; vowel
 VC: verbal clause
 VP: verb phrase
 VT: *Vetus Testamentum*
 WO: *Welt des Orients*
 YBA: the Yemenite tradition of Babylonian Aramaic
 ZA: *Zeitschrift für Assyriologie und vorderasiatische Archäologie*
 ZAH: *Zeitschrift für Althebraistik*
 ZAW: *Zeitschrift für die alttestamentliche Wissenschaft*
 ZDMG: *Zeitschrift der deutschen morgenländischen Gesellschaft*

OTHER SYMBOLS

- + following a reference or references, it means that the listing is not exhaustive.
 † following a reference or references, it means that the listing

- is complete.
- √ root of a lexeme
- // parallel to
- > X > Y: X changes to X
- < X < Y: X developed from Y
- <X> consonant grapheme X; with a Hebrew letter for X, a letter assumed to be missing and to be supplied
- /X/ phoneme X
- [X] phone X

MODE OF CITATION FROM *TAD*:

The general style is, for example, A2.4:5, which means *TAD*, volume I, document no. 2.4, line 5.

Where a cited phrase, clause or sentence extends over more than one line, the line number indicates that the first word of the citation is found in that line, except in cases where ambiguity could arise.

INDEX OF PASSAGES

The Index of Passages appended to this grammar covers only the data in the main body of the text, and not those in footnotes. Despite this imperfection, due to a technical difficulty which has proved insurmountable, the Index as it is is hoped to be of use for the user of this volume.

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PART ONE

PHONOLOGY

§ 1. Preliminary remarks.

A study and description of phonetics and phonology of an ancient language attested only in written form is beset with familiar problems and difficulties. Firstly, to what extent does the Aramaic alphabet of twenty-two consonant letters represent the phonetic reality of the language of a given document? Is there one-to-one correspondence, so that the language possessed twenty-two consonants, not more nor less? Secondly, do the letters represent phonemic entities, or are they a mixture of phonemes and allophones? Thirdly, what can one learn about the phonetic character of each consonantal phoneme and/or allophone? Fourthly, vowels and prosody present particularly difficult problems.

In order to deal with these questions, a strictly descriptive approach does not seem to be adequate. Even if one's primary interest is confined to the language as used in a delimited corpus of written texts dating from an equally delimited period of time, one's description would gain extra clarity and perspective by judicious and controlled use of comparative and historical data. The adoption of such an approach may be considered almost mandatory where the text corpus is rather limited in extent.

In addition to comparative and historical data to be found in ancient cognate Semitic languages and diverse dialects of Aramaic, we are also in possession of data available in the form of non-Aramaic names (and occasional loan words) used in our corpus, but known in their original form in the source languages, or Aramaic words borrowed by other languages. When those other languages, like Greek and Akkadian, use vowel graphemes as well, the information to be gained from that source is extremely valuable. Even then, however, there are bound to remain a great deal of uncertainty and more than an element of circular argument, since our knowledge of the phonetics and phonology of those ancient languages is also incomplete. Moreover, no two languages possess an identical phonological system, so that due allowances need to be made for the incongruities between the two systems.

§ 2. Consonants

Our starting point is the familiar 22 consonantal letters: א, ב, ג, ד, ה, ו, ז, ח, ט, י, כ, ל, מ, נ, ס, ע, פ, צ, ק, ר, ש, ת. There is hardly room for doubt that they represented a minimum of 22 different consonantal phonemes. It seems to us that the Aramaic of our corpus possessed 26 distinct consonantal phonemes at an early phase of the period covered by it.⁽¹⁾ Four out of the 22 letters of the alphabet are bivalent: ט = PS /d/ and /ḏ/; ק = PS /q/ and /q̣/; ש = PS /š/ and /ś/; ת = PS /t/ and /ṭ/.

These consonantal phonemes, including semi-vocalic or semi-consonantal /w/ and /y/, may be set out as below, although one is naturally much in the dark as to the precise phonetic nature of many such phonemes.^(1a)

	plosive	fricative	lateral	latera- lised?	rolled	nasal	frictionless continuant
bilabial	p ⁻ (פ) b ⁺ (ב)					m (מ)	w (ו)
inter- dental		t ⁻ (ת) ḏ ⁺ (ד)		ḡ [°] (ק)			
dental	t ⁻ (ת)	s ⁻ (ס)	l (ל)	ś (ש)	r (ר)	n (נ)	
and al- veolar	ḏ ⁺ (ד)	z ⁺ (ז)					
	t [°] (ט)	š [°] (צ)					
palato- alveolar		ṣ (ש)					
velar	k ⁻ (כ) g ⁺ (ג) q [°] (ק)						
pharyngeal		ħ ⁻ (ח) ʕ ⁺ (ע)					
laryngeal		ʔ (א) h (ה)					
palatal							y (י)

¹ Segert (1975:93) admits only 22, the same number of the letters of the alphabet.

^{1a} The feature of voicing is indicated as ⁺ (voiced), ⁻ (unvoiced or voiceless), and that of "emphatic" as [°].

Problems of interpretation arise regarding the following letters:

a) ד and ז⁽²⁾

The hypothesised Proto-Semitic voiced interdental /d/ or /ð/ is spelled in our corpus mostly with ז as in Old Aramaic. The later spelling with ד is confined to a small number of texts. There is none that uses ד exclusively. Some of them also use both the older and younger spellings side by side, often of the same word(s).⁽³⁾ Thus once in A2.3 כדי (4) // כזי (7), and זי (2,6,12) and זנה 'this' (13); דכין 'pure' (A4.1:5) // זי (ib. 6) and זא 'this' (ib.2); demonstrative pronouns דכי (B2.8:9), דכא (ib.6) // זנה (ib.7,11) and consistently זי (5x); די (B3.4:12) // זי (passim in B3.4) and זכר 'male' (ib.21); דנה (A5.2:8,9; B3.11:3) // זי *bis* (A5.2:7) and // זנה (B3.11:7*bis*, 8*bis*, 10, 14, 15, 16, 17); דה (A2.5:7) // זי (passim); ביתא זילך ודי חנן לה רחמא 'the house is yours or your children's or his to whom you give (it) affectionately' (B3.12:30) // זי (passim in B3.12); דך 'that' (B3.10:10) and זילך 'your' (ib.14) // זילך (ib.11); דילכי (B2.7:7, 11, 16) // זילי (ib.8) and זך (ib.9,13) and זי (passim); זכא 'selfsame' B2.9:4 // דכא B3.8:2, written by same scribe in same year (420 BCE); דהב 'gold' (B3.1:9) // זנה, זי (ib. passim) and // זהב passim in the corpus; אחר 'to take' (B3.4:5) // אחז* (e.g. B8.10:3 et passim); דכר 'male' B2.6:17, 20 // זי ib. passim and // זנה ib. Most instructive is one of the above-quoted documents, namely B3.4, which has זין חבב 'suit or process' (17) // דין ורבב (12, 14). The spelling here with ז is best interpreted as hyper-correction⁽⁴⁾: Haggai, on the alert for the common misspelling by ד for the correct ז, here inadvertently writing Zayin instead of the correct Dalet. This would indicate that, by 437 BCE when the document was drawn up, the sound in question was considered better represented by ד than by ז.⁽⁵⁾

² Cf. Folmer 1995: 49-63.

³ It does not seem to us right to ignore counter-evidences altogether, as Beyer (1984:100) does: whilst innovations, if genuine, often provide a valuable glimpse into possible changes taking place in the language, an attempt ought to be made to account for the co-existence of variations.

⁴ So Kutscher (1954:235); "hyper-archaic form" according to Blau (1970:47).

⁵ Beyer (1984:100), followed by Hug (1992:51), holds that as early as in the 9th century BCE the earlier dentals /t d ð/ had shifted to /t d ʔ/. Strangely, there is no mention made of a reasonable case made by Degen (1969:32-4) to the contrary. Moreover, when one studies the evidence presented by Beyer, one notes that the dates apparently evidencing the changes in question vary significantly from one dental to another, the earliest being that of /t/ > /ʔ/

Chronologically speaking, the earliest dated instance of ד for ז is למאחזר 'to seize' B4.4:17 (483 BCE). From the first quarter of the 5th century come דרע 'arm' D7.9:4 and דכר 'to remember' D7.40:9. In addition, some examples from the Hermopolis papyri datable to the late 6th or early 5th century have been noted above: e.g. דא 'this' A2.5:7. Apart from these, the remaining examples are mostly, as far as they are datable, somewhat later, from the mid-5th century BCE.

Among our scribes, Haggai (446-400 BCE) stands out with 10 examples of Dalet for Zayin, followed by Nathan (459-446 BCE) (5x) and Mauziah (446-406 BCE) (3x). None of them, however, uses Dalet consistently.

In addition, one must also take note of names containing some of the roots already mentioned above: דרדעזר D14.1 vs. יאדניה⁽⁶⁾ vs. יאדניה. In general, proper nouns tend to be rather conservative, but even here absolute dogmatism is to be avoided: cp. עזריה C3.13:11 (411 BCE) vs. עזרי C3.8IIIA:8 (471 BCE). A complicating factor here is that some of these names are borne by Jews, and the question is to what extent their names had been Aramaised.

This orthographic fluctuation gives rise to a couple of questions as regards the phonetic reality lying behind it. On the one hand, it appears almost certain that by the end of the fifth century BCE ד had come to be felt to stand closer to the phonetic value of the consonant in question, although such awareness appears to have existed already about a century earlier. However, it is not to be assumed outright that some significant phonetic or phonemic change had taken place in the course of the fifth century. It is quite possible that the grapheme <z> represented two distinct sounds or phonemes, namely /d/ and /z/, a thesis corroborated by the subsequent neat correspondence in Middle Aramaic, namely

(e.g., חקל > שקל), which generally agrees with what we see in our corpus as well. There is no absolute reason for assuming that phonetically kindred sounds underwent a certain change at the same speed.

⁶ This last form also occurs in a variant spelling, דיניה, in one and the same document, A4.2. Silverman (1969:697) would derive the name from the root דין. However, the Alef in the middle of the form is hardly a vowel letter, whereas the syncope of a word-medial Alef is commonplace: a spelling זניה also occurs. Grelot (1972:390 r, and 498) thinks the spellings with a Dalet are Aramaising forms. This presupposes, however, a degree of abstraction and etymologisation on the part of the Aramaic-speaking Elephantine Jews, since the root זנח, unlike in Hebrew, is not used as a verb in Aramaic: the Biblical name יאדניה must ultimately derive from this root.

/d/ = ד and /z/ = ז⁽⁷⁾. Why /d/ began to be spelled with ד is puzzling. We may suggest tentatively that this had to do with the onset of the spirantization of the plosives, /d/ > /d/ after a vowel.⁽⁸⁾ In fact, the majority of the names and actually occurring forms of the verbs and nouns are those in which the grapheme in question does follow a vowel: e.g., כדִי (with a so-called "vocal shewa") A2.3:4; most forms of the verb אָחַד 'to seize.' One may apply the same interpretation to cases of sandhi as well, e.g. מוֹמָאָה דְכִי B2.8:9, though not every case of such a ד lends itself to such an explanation: e.g. ... לִמֵּן דִי B3.4:12. Should this explanation be found acceptable⁽⁹⁾, it would give us a plausible and rough post quem for the process of spirantisation (see below § 3 j).⁽¹⁰⁾ The position of Leander (1928:9 i) is that the living language of our period had already undergone the change /d/ to /d/ (⁽¹¹⁾), and he ascribes the use of <z> to the conservatism of the administrative officialese register of Aramaic, in other words this spelling is historical and etymological, although it is true that the innovative spelling with <d> is first attested in the Hermopolis papyri, private letters. Whilst Leander (ib.) rightly draws our attention to the fact that this <z> occurs mostly with the high-frequency pronouns, and verbs and nouns normally use <d>, the adverb אֲדִין, which occurs 23 times in our corpus, is spelled with <d> without exception.⁽¹²⁾ Note also זָהָב, which occurs countless times as against דָהָב (1x; see above), and the noun זָכָר 'record' (12x) and the verb זָכַר (יִזְכְּרִי C1.1:53) as against דָכַר (1x: A4.4:8).⁽¹³⁾

⁷ For a similar argumentation, see Kottsieper 1990:27.

⁸ See also Schaefer 1930:244.

⁹ Cf. Muraoka 1983-84:90. For a similar view, see Lerner 1981. Folmer (1995:61f.), instead, attempts to account for the variation in terms of the position of the sounds in question within a word, initial or medial/final. The issue seems to us basically a phonetic/phonemic rather than graphemic one.

¹⁰ Whereas Beyer (1984:127) also rightly holds that the spirantised allophones of /d, t/ could not have coexisted with the phonemes /d, t/, his dating for the onset of the spirantisation is rather late, 3rd century BCE, which is said to be the date of the disappearance of the latter phonemes from Aramaic. His cross-reference on this point to p. 100, however, is puzzling, for there he states that "das alte *t* um 800 v. Chr. bereits geschwunden war. Die Dentale *t* *d* wurden also > *t d t* im 10. oder 9., eher im 9. Jh. v. Chr."

¹¹ Kottsieper (1990:30) dates the completion of this process to as early as the end of the 7th century BCE.

¹² For a possible explanation, see Kutscher 1972:69.

¹³ Thus Kottsieper (1990:30) is not very precise when he says: "Da im

The following words are consistently spelled with אָדִין 'then' (e.g. B8.1:8); *אָדִין 'ear' (e.g. C1.1:215); *דָּבַח 'animal sacrifice' A4.8:27; *מִדְּבַח 'altar' A4.7:26+; *דָּחַל 'to fear' C1.1:45; *דָּנַח 'to shine' C1.1:138†; מִדְּנַח 'east' B3.7:7†; *דָּרַע 'arm' D7.9:4,5†; √ כָּרַב 'to tell lies' B2.3:17+; *עֲדָרָא 'assistance' C1.1:83+. We would mention here *אָחַז 'to seize,' which is spelled only once⁽¹⁴⁾ with ז, but some 26 times with ד.

b) ש

This grapheme also appears to be bivalent, representing two distinct phonemes, conventionally symbolised as /š/ and /ʃ/, on which latter see below at § c.⁽¹⁵⁾ Unlike in Middle Aramaic⁽¹⁶⁾, the PS phoneme /š/ is fairly consistently spelled with ש, and very rarely with ס. Thus בָּשָׂר 'flesh' C1.1:88; דַּמְשָׁק 'Damascus' A6.9:2; verb נָשָׂא 'to carry'; מִשְׁאֵן 'shoe' A3.2:2⁽¹⁷⁾; עֶשְׂרֵה 'ten' A6.2:11; שָׂחַר 'to destroy' C1.1:173†; שְׂגִיָּא 'much' A6.3:1; שָׂדֵד 'witness' C1.1:140; שְׂרָר 'side' B2.1:5; יִשְׂמוּ 'May they put!' A6.6:1 (< שָׂם 'to put'); שְׂמֹחַ PN C3.15:21,28 //(?) סְמֹחַ B4.6:3 (400 BCE); שְׂנֹאֲחָה 'what he hates' C1.1:132 (< שָׂנֵא 'hate'); שְׂעֵרָן 'barley' (pl.) A4.10:14; שָׂק 'sackcloth' A4.7:15; שָׂרַף 'to burn' A4.7:12. This applies to שְׂפִיק 'sufficiently' (A6.10:3,7) as well.⁽¹⁸⁾ The name of the Assyrian king Sennacherib is spelled in two different ways in the Ahikar narrative: שְׂנֹאֲחָרִיב C1.1:3 and סְנֹאֲחָרִיב ib.50, whilst the Akkadian form is *Sin-ahḫe:-eri:ba*.⁽¹⁹⁾ The only certain exceptions are סָכִין

Rarm. die Schreibungen mit *d* für /d/ bei weitem überwiegen ..."

¹⁴ B8.10:3.

¹⁵ See Beyer (1984:102f.). An idiosyncratic view of Garbini (1993:43-49) on the evolution of sibilants in Northwest Semitic may be safely left out of account.

¹⁶ Segert's scepticism (1984:91) is unjustified: "Es ist ungewiß, ob das š sich erhalten hat oder ob es mit dem ʃ zusammenfiel." How would one otherwise account for an etymologically neat orthographic distinction in later Aramaic between ש and ס?

Note that the earlier sibilant phoneme /s/ distinct from /ʃ/ still lingered on in Palmyrenian (Cantineau 1935:41-43 as against Rosenthal 1936:25f.) as well as in old Syriac inscriptions (Beyer 1966:243 and Muraoka 1997b: *9, n. 23, 10*, n. 48). The situation in Nabataean is more complicated: see Cantineau 1930:42-44.

¹⁷ Cf. Akk. /še:nu/, QA מִסָּנַן (1QapGen 22.21), Syr. /suna:/, /msa:na:/, and Heb. סָנָן Is 9.4, all meaning 'shoe.'

¹⁸ On the etymology of the word, see HAL, s.v., p. 1257, and Beeston (1977:56).

¹⁹ In BH the name is always spelled with Samech: see Millard 1976:8.

'knife' C1.1:84,88 (Heb. שֶׁכֶּן^[20]) and 'old' B3.10:17 // שב 'old man' C1.1:17.⁽²¹⁾ Possibly also סערן 'barley' D7.12:4; מסמרין 'nails' A6.2:16⁽²²⁾; יסגה 'he shall proceed' C1.1:126 // ישגה D7.4:2. The interpretation of אל חסחכל at C1.1:147 is still disputed.⁽²³⁾ No satisfactory interpretation has been found of שף at A4.2:10; A6.2:11,19, either. סמש 'sun' B3.6:9 for the usual שמש still remains a puzzle.⁽²⁴⁾

c) PS /t/.

Unlike in the case of the voiced interdental /d/, the PS unvoiced interdental /t/ is consistently spelled with ת⁽²⁵⁾: e.g., תאזח 'ewe' D7.8:2; תוב 'again' B7.1:5; תחזיב 'he returned' B2.9:7; תור 'bull' A4.1:10; תלח 'three' A6.9:3; תקל 'to weigh' B2.6:24, C1.2:23f.⁽²⁶⁾ The only certain exception is the ubiquitous monetary unit, שקל, often abbreviated as ש. The influence of the Akkadian *šiglu* is suspected.⁽²⁷⁾ Note four cases of תקל at B1.1:13bis; B3.1:5, B3.3:8, in each document // שקל B1.1:12, B3.1:3, B3.3:5,6,10,16.⁽²⁸⁾

²⁰ Kottsieper's identification of a root סכך 'to cut' (1990:36) does not convince.

²¹ סערן D7.12:4 might also be considered if it means 'barley.' Cf. שערן D7.16:5.

²² On the etymology of the noun, see Gesenius - Buhl 1915:465.

²³ See a discussion in Lindenberger (1983:147f.).

²⁴ The simplest etymology, which seems to have remained unnoticed so far, of the verb נרש 'to destroy (?)' A4.5:24 etc. is Arb. /nadasa/ 'to throw down, bring to the ground.' The usually cited Arb. /nataša/ is difficult for a couple of reasons: /t/ for /d/ and its meaning "to pull out, snatch away," though the sibilant is no problem, for Arb. /s/ = Heb./Aram. /š/.

²⁵ A beginning of the development is foreshadowed by an exceptional form אל ירח 'let him not inherit' Sefire I C 24 for the regular ירח.

²⁶ Cf. Folmer 1995: 70-74.

²⁷ So already Schaefer (1930:243), but "historical spelling": Kaufman (1974:29).

Another instance where foreign influence has often been suspected is שפמן 'they will contest' C1.1:88. See also תשפט 'and we shall contest(?)' C3.3:5. Fales (1986:65) suspects that the Assyrian word may have sounded [siqlu], which would be in favour of Kaufman's position.

²⁸ Even the Ashur letter of ca. 650 BCE attests to ירחב (11) 'he shall return' alongside אשור 'Assyria' (ib.). There is no need to invoke, as Cowley (1923:205) does, Persian influence to account for the spelling אחר in the Ahiqar document. One may assume a PS /t/ in this name: see Degen 1967:55, 58 (n. 49), 60 and also Beyer 1984:100.

In *אחי בתי ואנשתה* 'my brother Bitia and his ?' A2.1:14, and particularly *אחי בתי ואנשתה ובנותי* '... and his children' A2.4:3, the context requires 'his wife,' but then it would make a most unusual phonology (*אנשתה* = *אנתחה*). Yet one should not be dogmatic, since among the Hermopolis papyri there does not occur any other word or form with ת corresponding to the primitive /t/, so that we cannot tell whether this idiom still retained the earlier /t/ spelled with ש or not.⁽²⁹⁾

Finally, if the reading be certain at *שחלין* D7.45:8, it could be a form of JA *תחלי* and Syr. /taħla:/ 'cress.'

Whilst both of the two Proto-Semitic interdentalals would eventually become corresponding plosives, it appears that the speed of the change was not the same. Furthermore, it is not likely that the grapheme ש ever represented three phonemes in our period: /s/, /š/, and /t/.

d) ק and ע⁽³⁰⁾

The Proto-Semitic voiced emphatic interdental /ḍ/ is represented by these two graphemes.⁽³¹⁾ The spelling with ק is decidedly more frequent.⁽³²⁾ The word *עק* 'tree, timber' in all its forms (*עק*, *עקא*, *עקן*, *עקהן*, *עקיא*, *עקי*) is always spelled with ק as the second consonant. Also spelled with ק are *קן* 'sheep' A4.1:10, sg.det.

²⁹ One possible way-out of this enigma may be to postulate a variant lexeme (with a prosthetic א?) **אנשה* related to the pl. *נשין*. See also Swiggers 1982:136. Incidentally, the preservation of /n/ against its near total assimilation in the Hermopolis papyri (see § 3 a) indicates the presence of a vowel after the /n/. Hug (1993:51) apparently assumes a historical spelling. Folmer (1995:73) favours Kutscher's view (1971:115f.) that the word is cognate with *אנשרא*, which in Syriac, for instance, means 'servants, relatives, family.' But that would make the logical sequence of the three terms in our Hermopolis document somewhat unusual.

³⁰ Cf. Folmer 1995: 63-70.

³¹ From this spelling fluctuation and the historical development ק > ע Segert (1975:91) concludes that the consonant in question must have been a postvelar spirant, no interdental. This may be right for this transition period, but it is not clear how the consonant may have sounded earlier when it was consistently spelled with ק. See further Steiner (1991) and Dolgopolsky (1994).

Voigt (1992) argues for a voiced lateral for Egyptian Aramaic as well as for Proto-Semitic. As far as Egyptian Aramaic is concerned, his theory is not supported by the available evidence, which does not display a neat graphic distribution as Voigt would have, and the only instance for such a voiced lateral is *עלע* 'rib,' which occurs but once in his corpus.

³² On the question how the phoneme so represented may have sounded in OA, see, for example, Kutscher 1972:16.

קנא, D7.1:4; לעבק 'quickly' B3.11:6 and עבק 'hurry' C1.1:87.⁽³³⁾ Graphic alternation occurs in three words: ארק (22x) 'ground' // ארע (9x); קמר (21x) 'wool' // עמר (10x); לערק (6x) 'to meet, towards' and ערק impv. fs. 'Meet!' D7.16:2 // לערע (1x). Chronology does not offer a satisfactory explanation: ארק and ארע occur in the same document dated to 464 BCE (B2.2:6,16) just as in BA Jer 10.11; קמר occurs in two documents datable to 420-400 BCE (A3.8:9; B3.8:6,7) and four times in C3.7 (475 BCE), but עמר 4 times in Hermopolis papyri (A2.2:7,9,16; A2.6:10) and at B2.6:7,10 (458 BCE); לערע 1x (C2.1:9), but לערק in the same document (the Bisitun text: C2.1:12+ 5x). עלע (Arb. *dila'*) 'rib' occurs only once at C1.1:90. The word מועא 'east' is always (16x) spelled with ע, never with ק. Note also תרחענה 'you will wash it' D7.8:7 and ארחעה 'I will wash it' ib.11.

As in the case of the spelling fluctuations discussed above, this one is also difficult of interpretation. Is the use of ק an archaism? The presence of both in a single document, the Bisitun text, suggests that at least at the time of the writing of the Elephantine copy of the document, say ca. 421 BCE, the phonetic development was not complete yet. On the other hand, Jer 10.11 with both ארקא and ארעא shows that the process had begun by the beginning of the 6th century at the latest.⁽³⁴⁾

e) PS /z/ = ז

The Proto-Semitic emphatic interdental /z/ is still represented once by ז as in OA⁽³⁵⁾: נצר 'he preserved' A1.1:8, but generally by ט as in later Aramaic, e.g. מטאו 'they reached' ib. 4; טללך 'your shadow' C1.2:6; טביא 'gazelle' C1.1:168; יעט 'counsellor' ib.12; עטה 'advice' ib.57; למנטר 'to guard' ib.191.

f) PS /g/

There is no direct evidence whatsoever to be found in our corpus for the existence of a Proto-Semitic /g/, which is sometimes postulated for a word such as בעה 'to seek.'⁽³⁶⁾

³³ Despite the often-quoted article by Perles (1911-12) and one by Grelot (1956), Nöldeke (1913:12) confesses to his ignorance of the Arabic root *'bd* or *gbd*. Grelot's etymology is based on a supposed Ugaritic word. See also Beyer 1994:42. The idiom appears in its late form לעבע at 1QapGen 20.5,9. Cf. also Vleeming - Wesselius 1985:25f.

³⁴ Note a cuneiform transliteration *a-ra* for ארע 'earth' of the 6/5th century BCE, though one should not, on the strength of this evidence, go quite as far as Beyer (1984:101): "g wurde also um 600 v. Chr. > '."

³⁵ Degen 1969:35f. Perhaps also in Deir Alla: Hoftijzer 1976:284.

³⁶ Even for an earlier period, i.e. 7-6th centuries BCE, covered by Hug

g) PS /ḥ/ and /h/

The same reservation is in order as regards the possible distinction between /ḥ/ and /h/.⁽³⁷⁾

§ 3. Consonantal changes

It appears that some consonants undergo certain changes due to contact with another consonant, whether identical or different, whether in direct and immediate contact or at some remove.

a) Assimilation and non-assimilation of /n/⁽³⁸⁾

An /n/ followed immediately by another consonant sometimes assimilates regressively to the latter. This is the traditional and probable explanation for there being no graphic trace of such an /n/: e.g., אֶתְנַהּ (= אֶתְנַהּ) 'I will give it' A2.1:5; נָחַן (= נָחַן) 'we shall give' A4.10:13; חֶטֶן (= /hitt:n/ ?) "wheat" B4.1:2 // חֶטֶן C3.28:77 and חֶטֶת C1.1:129; אֶתְהּ [= אֶתְהּ] 'the wife of' A4.4:5^{bis}(³⁹); יֶחֶתֶן (= יֶחֶתֶן) 'they will descend' G impf. 3mpl (C1.2:6); הֶלֶה (= לֹא) 'if not' A2.2:10; שֶׁתָּהּ (= שֶׁתָּהּ) 'the year' D7.40:2. Leander's position that the assimilation is largely confined to late documents (Leander 1928:14) is no longer tenable. It is attested in B1.1, the Bauer-Meissner papyrus of 515 BCE: אֶתְנַהּ 'I shall give it' (11), חֶשֶׁתָּהּ 'you shall carry' (13); אֶתְלֶה probably Afel, 'I shall reclaim' (14). Whilst it may be dialectal, the assimilation of /n/ is quite common in the Hermopolis papyri of the late 6th/early 5th century BCE⁽⁴⁰⁾: אֶתְנַהּ 'I will give it' A2.1:5; נָחַן 'we shall give it' ib.7; מֶפֶקֶן A ptc. mpl. of נָפַק 'to exit'

(1992:50), its existence may be assumed only on the strength of cuneiform transcriptions with <ḥ>. The same applies to a slightly earlier time span, 9-7th cent. BCE: see Beyer 1984:101. However, the papyrus Amherst 63 of the late 2nd cent. BCE from Thebes still retains the distinction: Steiner - Nims 1985:93. E.g., /z̥gyr/ 'small' but /lm/ 'eternity': for references and other examples, see Steiner - Moshavi 1995. But note that the representation of the PS emphatic interdental, /d̥/ is not uniform in this text: thus <ṛq> 'earth' on one hand and <gn> 'flock' on the other. See also Fales 1986:73f.

³⁷ *Contra* Hug (1992:49), for instance. However, the papyrus Amherst 63, mentioned in the preceding note, still retains the distinction: Nims - Steiner 1983:263. E.g., /ḥ/ 'brother' but /nḥn(h)/ 'we': for references and more examples, see Steiner - Moshavi 1995.

³⁸ Cf. Folmer 1995:74-94, esp. 76-84.

³⁹ This and the following case are merely two random examples disproving the theory of Gropp (1990:173-75) that the non-assimilation/dissimilation is typical of Elephantine legal papyri and the Arsames correspondence.

A2.5:3; אִפְקִי 'he brought me forth' A2.6.4; לַמַּחֲזֶה A inf. of נָחַח 'to bring down' A2.5:6; אִפִּיךְ 'your face' A2.1:2. In fact, the language of the Hermopolis papyri is consistent in this regard⁽⁴¹⁾, whereas that of the Bauer-Meissner papyrus is mixed, for we also find forms such as אִתָּן (10), cf. also אִלְקָח (9). On the contrary, the fact that the assimilation of /n/ is also a regular and known feature of Old Aramaic⁽⁴²⁾ points rather to the reverse of Leander's view.⁽⁴³⁾⁽⁴⁴⁾ That the chronology is only one of several possible factors involved is indisputable in view of מְנַחֵחַ 'to bring down,' מִלְקָח 'to take,' and the like in the 9th cent. BCE Tel Fekheriyeh bilingual.⁽⁴⁵⁾

The general tendency in our corpus, however, is unquestionably towards writing נ in such cases.⁽⁴⁶⁾ This is true, for instance, with independent personal pronouns of the 2nd person: אַתָּה, אַתָּי⁽⁴⁷⁾, אַתָּם (see below § 11). Of more than 100 occurrences of the verb נָחַן in G impf. and inf. we find only five examples of the assimilated first Nun.⁽⁴⁸⁾ Note also נָתַתָּ 'you gave' B4.2:1,

⁴¹ On forms such as מִדַּעַם A2.3:10 and תִּדַּעַן 'you will know' A2.5:2, see below § 31 a. One could thus take a spelling זִבְנָה 'I bought' as an indication that already at this early stage the Pf. 1s morpheme /-t/ was, as in later Aramaic, preceded by a vowel. Cf. *ḥa-al-li-tū* 'I entered' (BA עֲלִיתָ) (line 4, 29) and *za-ki-it* 'I won' (Syr. *zke:t*) (line 10) in the Uruk incantation text.

⁴² See Degen (1969:39f. esp. with n. 35). I fail to comprehend Hug (1993:53): "Etymologische Schreibung mit *n* ist in älteren Texten die Regel und nimmt in HermB [=Hermopolis papyri] etwas ab"

⁴³ For Kutscher (1971:106), this aspect and the associated one of degemination by means of /n/ (see below § c) prove the western origin of these papyri, for he lists the assimilation of /n/ as one of the traits typical of Western Aramaic. At least in this matter, these private letters might display spellings which are more phonetic than historical and "correct."

⁴⁴ Segert (1975:112) "Die assimilierten Formen kommen im Rahmen des RA fast ausnahmslos in den Ostraka vor, ..." I do not see on what basis Segert can say this.

⁴⁵ See our discussion in Muraoka (1983-84:91f.). It should not be taken for granted, however, that מִלְקָח necessarily belongs here, for the assimilation of /l/ in this case in Semitic is strictly not of the same order as that of /n/, for it was most likely triggered by a semantic analogy to יָפַן.

In his characterisation of Old Aramaic Garr (1985:42,44) leaves the Fekheriyeh evidence out of account.

⁴⁶ An important exception is כַּעַת 'now,' which is considerably more frequent than כַּעַת: 79 vs. 19.

⁴⁷ At B3.7:13 the Nun has been added above the line.

4.3:12. Take another high-frequency verb, נָפַק 9 cases⁽⁴⁹⁾ of assimilation as against some 73 of נ remaining. The same holds for nouns: אֲנַפִּין 'our presence' A4.2:8,9 and several forms of the noun (as against the consistent spelling without Nun of the noun in the Hermopolis papyri: A2.1:2, A2.2:2, A2.3:2, A2.5:2, A2.6:2 and אֲנַנָּה 'our presence' C3.28:1,91); אֲנַחְתְּךָ 'your wife' B2.2:4; מִנְדָּה, מִנְדָּתָא 'rent(?)' A6.13:3; מִדִּינָתָא (and not *מִדִּינָתָא as in 1QapGen 22.4 מִדִּינָתוֹן 'the province' A6.1:2; סִפִּינָתָא (and not *סִפִּינָתָא) 'the boat' A6.2:3; עֲנֹזָא 'the goat'; שְׁנָתָא 'the year' C1.2:5 // שְׁנָא D7.40:2. Note also the usual spelling מִנְפִּי 'Memphis(?)' A3.3:10 + 10x as against מִפִּי A2.2:3. Absolute consistency is not to be expected: thus אֲפִיכִי ... אֲנַפִּי 'my face ... your face' D7.16:12.

There is not a single case of <n> of the preposition מִן assimilated to the following consonant⁽⁵⁰⁾: thus מִן סֵן 'from Syene' A2.5:3.⁽⁵¹⁾

b) Assimilation of consonants other than /n/

In OA the verb לָקַח G 'to take' shows the assimilation of /l/ (⁽⁵²⁾) in impf. and inf., though not without an exception such as יִלְקַח for יָקַח at Sefire I B.35.⁽⁵³⁾ In our corpus ל is consistently written⁽⁵⁴⁾, the only exception being וִיקְחוּנָה D4.8:1: אִלְקַח B1.1:9; יִלְקַח B3.8:36; יִלְקַחוּ D7.39:6; תִּלְקַחן C1.1:167; לִמְלִיכָה inf. B2.4:11. The impv., however, shows no Lamed: קַח D1.14:2, קַחִי D20.5:3: see § 33 d.⁽⁵⁵⁾

verbs in this respect, see below § 33.

⁴⁹ A2.5:3, A2.6:4, D3.27:2, D5.6,8, D6.14:1, D7.7:6,8, D7.14:3.

⁵⁰ The assimilation is not infrequent in BA: e.g., Dn 4.22 מִסֵּל שְׁמִיָּה; Dn 6.5 מִן־סִטְעִים אֱלֹהֵי יִשְׂרָאֵל וּמִסִּטְעִים כּוֹרֶשׁ Ezr 6.14 מִצֵּד מִלְכוּתָא.

⁵¹ Pace Greenfield (1968:366), a text which is difficult anyway is hardly good evidence for a single exception: B4.1:4 מִכָּל 'food' rather than = מִן כָּל.

⁵² Segert's explanation (1975:113) that this is due to the proximity of the points of articulation of /l/ and /q/ is less likely than that of Ungnad (1905:278), who thinks of the analogy of the antonym נָזַן with יָזַן, a proposal followed by Brockelmann (1908:176), Bergsträsser (1918:108) and Joüon - Muraoka (1993: § 72 j).

⁵³ On this exception, possibly twice attested, see a discussion by Degen (1969:40 with n. 38).

⁵⁴ Thus Leander (1928:14) suggests a scribal error in יִקְחוּנָה at D4.8:1, though it is going a little too far to condemn קַחִי impv. at D20.5:3 also as an error for לִקְחִי for one would not correct every impv. of the type חֵת 'Come down!' and טֵר 'Watch!' See below on Pe-Nun verbs: § 33.

⁵⁵ Unlike in OA our idiom does not attest to the assimilation of /l/ of the verb סָלַק 'to ascend' as in Sefire III 14 יִסַּק, though we do find two cases of

Assimilation seems to be conditioned by the presence of a dental consonant as one of two contiguous sounds: /dt/ - ילחי < ילדתי G pf. 2fs 'you gave birth' B3.6:5,8 (// לידתי [= ילדתי] ib.6); /ld/ - < עדבר 'on account of' B7.1:3⁽⁵⁶⁾; /td/ - אדני tG⁽⁵⁷⁾ impv. ms < אדני (דני √) 'Approach!' C1.1:107. Note also עונה 'until this (day)' A4.7:20 where ד has been added above the line, i.e. ער זנה.

A possible case of /zd/ > /zz/ is אזהר 'Guard yourself!' C2.1:65, namely < *אזדהר⁽⁵⁸⁾.

That the assimilation of /l/ in יקח etc. does not appear to have any phonetic motivation is another reason to suggest that the assimilation is due to the analogy of יתן etc.⁽⁵⁹⁾

There is evidence for mere graphic simplification with no phonetic implication.⁽⁶⁰⁾ מתכל 'relying' A2.7:2 is a mere short-hand for מתחכל*, unless one postulates spirantisation, thus /*mittkel/ > /mittkel/. Note also אל תחכלי 'Do not rely!' D7.16:4. Likewise זבנה * = זבנה 'we sold' B3.12:3 and זבנה 'we sold it' B3.4:5 = זבנה*.

c) Degeminating /n/⁽⁶¹⁾

It is a well-known fact that the nasal /n/ is sometimes found in IA where it is not etymologically expected *and* instead of gemination: כרן 'jars' C3.7Gr2:8 etc. (> Akk. *kandu*); ככרין 'talents' A4.7:28; במציעת [ב] 'in the middle of' A4.5:5 // במציעת C3.28:112⁽⁶²⁾; forms of the verb עלל 'to enter'⁽⁶³⁾ - למנעל G inf.

מנסק with a typically degeminating <נ>: see below. According to Degen (1969:41) Spitaler sees here an analogy of נחת. Note a juxtaposition of the two verbs as in למנסק ולמנחת 'to go up and down' B3.7:10; למנסק עלא ולמנחת 'to go up and down and go out' ib. 13.

⁵⁶ Likewise על דברת די // עד דברת די Dn 4.14 // על דברת די Dn 2.30. Note also ועשנתוך 'and during your years' (על שנתך <) Pap. Amherst 63:6/14.

⁵⁷ Rather than Afel (Lindenberger 1983:175). See also Kottsieper (1990:40).

⁵⁸ See below, § 29.

⁵⁹ See n. 52 above.

⁶⁰ *Contra* Segert (1975:114), who thinks that עשה C1.1:68 = *עשהח 'I thought,' even granting that it is a pf., not a ptc., the text is broken just after the Taw. On our view that there most probably intervened a vowel between the last radical of a verb root in the perfect tense and the personal suffix for 1sg., hence no likelihood of assimilation, see below at § 24 e.

⁶¹ Other terminologies are also used: e.g. "substitution of nasalization for gemination" (Rosenthal 1961:16); "dissolution of gemination" (Kaufman 1977:92). See further Kutscher (1970:374).

⁶² This must be a noun of a rather rare pattern /mVqti:l/, on which see Barth 1894:252, 265. The initial <m> is not a root letter, for the word is

A6.7:7; הנעלה H pf. 3fs. B2.6:6,7,24; ידעלן H impf. 3mpl. A3.8:12; הנעלו H impv. m.pl. A6.10:7. Here also belongs מנסק [ל] G inf. of סלק 'to ascend' B3.7:10 // למסלק B3.10:15⁽⁶⁴⁾; מנדע 'knowledge' C1.1:53. According to Kottsieper (1990:54-58), the nasal of the word צנפר 'bird' (C1.1:82,186,198) is an infix, not a result of the degeminated /p/.⁽⁶⁵⁾

However, no example such as ינדען, תנדע (< ידע) of BA⁽⁶⁶⁾ occurs in our corpus. On the other hand, the indefinite pronoun for 'something' occurs in two forms: מדעם A2.3:10 + 4x and מנדעם A4.7:14 + 20x (including the declined form מנדעמחא, e.g. A4.7:12). As against the common view which derives the word from ידע 'to know' with a nominal prefix /m-/, Kottsieper (1990:51-54) has made a reasonable case for an alternative etymology of the word, according to which /n/ would be part of the interrogative /man/ 'who?' Then the /n/-less form could only have resulted from the assimilation of /n/ to the following /d/. All the examples of the assimilation of /n/ are to be found in early documents dating from the late 6th or early 5th century BCE: A2.1:10, A2.3:10, A2.5:2 (all Hermopolis papyri); B4.1:3,4.⁽⁶⁷⁾

Whether כרסא 'throne' occurring at B2.2:2 and C1.1:133 attests to a case of degemination by means of /r/ (cf. Heb. כִּסֵּא and Akk. *kussû*) is debatable: see Kaufman (1974:28f.).⁽⁶⁸⁾ דרמשק 'Damascus' in Late Biblical Hebrew (Chronicles) for דמשק is an assured case of such process; cf. also Syr. /darmsuq/.⁽⁶⁹⁾

d) Phonetic reality of degeminating /n/

The difficult question to answer is whether these degeminating derived from מצע √.

⁶³ The interpretation of יעל C1.1:205 is debated: see Lindenberger (1983:205) and Kottsieper (1990:51).

⁶⁴ The forms such as יסק G impf. and למסק inf. may be due to the analogy of יחת and למחת respectively from נחת 'to descend,' its antonym. So also Spitaler apud Degen (1969:41). See n. 55 above.

⁶⁵ Note, however, that Arabic, on which Kottsieper's argument rests quite heavily, has *ʿuṣpu:r*.

⁶⁶ See Bauer - Leander (1927:50, 142), and below § 31 a. At D4.25:1 [ל]מנדעם the text is too fragmentary for us to determine precisely what the form is.

⁶⁷ Note, however, מנדעם A2.5:4 (Hermopolis).

⁶⁸ The form כרסא is attested already in Fekheriyan (line 13), as pointed out by Lipiński 1994:63.

⁶⁹ Cf. Brockelmann (1908:245, g, z) and Bergsträsser (1918: § 20b).

consonantal graphemes, especially <n>, as well as etymological <n>'s discussed above (§ a), carried their usual consonantal value, so [yinten], or as some authorities argued, were a mere orthographic device for indicating the length of the following consonant, so [yitten].⁽⁷⁰⁾ Kottsieper (1990:58), having concluded that this kind of <n> in the dialect of the Vorlage of the proverbs of Ahiqar was clearly audible, goes on to say that, in IA, by contrast, it was nothing but a matter of etymological orthography, lacking any phonetic reality.⁽⁷¹⁾ Whilst one may agree that in Early IA the etymological /n/ tended⁽⁷²⁾ to assimilate, it is patently untrue that the <n> in forms such as *הנעלו* H impv. mpl. of *עלל* is etymologically conditioned.⁽⁷³⁾ Besides, the hypothesis of mere orthographic convention⁽⁷⁴⁾ would not adequately account for the reading tradition as preserved in, for instance, the Tiberian tradition of Biblical Aramaic with the use of shewa as *נִדְעֵן*. To disregard such evidence seems to us to be tantamount to throwing out the baby with the bathwater.⁽⁷⁵⁾ Tiberian scholars could always

⁷⁰ So Spitaler (1954), who was harshly criticised by Macuch (1965: XLVII-LIII), though the latter has subsequently reassessed his position in favour of the former (1990:232-37).

⁷¹ As an argument for his position, Kottsieper (ib.) writes: "sie [= IA scribes] oft genug ein etymologisch anzusetzendes /n/ vor Konsonant nicht in der Schrift ausdrückten," without mentioning a single case of the kind. What appears in small print (ib., c) shows that he is somewhat hesitant.

⁷² We mentioned already conflicting evidence in the Bauer-Meissner papyrus (late 6th century) - *אחנהי* vs. *אנתן*, which shows that the picture is not clear-cut. Furthermore, that the antiquity cannot be the sole relevant dimension is proven by a much earlier Aramaic document, the Tel Fekheriyeh bilingual (9th century?), where one finds *מנחת* 'bringing down' (line 2). It is not, of course, certain, that here also we have to do with a case of degemination, for it may represent a stage prior to the onset of assimilation. This inscription contains three examples of the ל of the verb לקח G preserved. See our discussion in Muraoka (1983-84:91f.).

⁷³ Unless one postulates, along with Bergman (1968), a secondary root *נעל on the analogy of its antonym, נפק.

⁷⁴ So also Folmer 1995: 89f.

⁷⁵ He who takes the Tiberian tradition as the starting point for a discussion on Biblical Aramaic would not necessarily have to postulate that the G impv. of *ידע* would have been *נִדְעֵ*, as Beyer (1984:91) would require: "diese Aussprache [= without /n/] wird durch den Imperativ qal In bestätigt, der im gesamten Reichsaramäisch ohne n gebildet wird." Likewise, one would have seriously to take into account the possibility of two alternative forms existing side by side as in BA: *נִתָּן* Dn 2.16 // *נִתְּנָה* Dn 4.14, which is in contrast to

have resorted to the Qre/Ktiv device if such <n> had been transmitted to them as silent. On the other hand, to suggest that "nasalization was always present but often ... not written" (Kaufman 1974:121, n. 23)⁽⁷⁶⁾ is going too far in the other direction. For at the time when the practice of not writing such <n> was first introduced, it must have been an attempt to reflect a certain phonetic reality, i.e. the absence of /n/.⁽⁷⁷⁾

e) /tʔ/ > /tt/

This type of assimilation⁽⁷⁸⁾ happens to be confined to tG (Ethpeel) of Pe-Alef verbs, as in some later Aramaic dialects⁽⁷⁹⁾: אִתְּחַדּוּ (<אִתְּחַדּוּ>) 'they were seized' A4.4:6. Likewise יִתְּאָסֵר <יִתְּאָסֵר> 'he will be restrained' C1.1:175, if not from √ יָסַר 'to discipline.'⁽⁸⁰⁾ The evidence available is too scanty to allow us to determine whether the assimilation was conditioned by the presence or absence of a full vowel immediately after /tʔ/. In any case, the only example of tD⁽⁸¹⁾ in our corpus has retained אִתְּאָלֵף 'he

Beyer's position: "eine einheitliche Aussprache des Reichsaramäischen vorausgesetzt" (1984:91). Beyer (1984:90f., 92), however, does admit the existence of an earlier Babylonian substratum of IA, which did not assimilate /n/.

⁷⁶ Approvingly cited by Kottsieper (1990:59, n. 233).

⁷⁷ Thus *pace* Degen (1969:40, Anm. 1). That *ḥa-an-du-a-te* on a cuneiform tablet from Nineveh is represented in Aramaic as הִדָּה does not prove, *pace* Kottsieper (1990:59f.), that, in the Aramaic idiom represented here, an /n/ was phonetically present before the /d/. On the contrary, one may conclude that the Aramaic idiom in question was in the habit of assimilating an /n/ in a phonetic environment such as presented here. To say, as Kottsieper (1990:60, n. 236) does with respect to another Assyrian/Aramaic contrast, "nichts spricht dafür, daß der assyrische Schreiber den Namen anders aussprach als der aramäische" may be dogmatic. On the other hand, a cuneiform representation such as *manḥalu* 'entrance' for Aram. מַנְחֵל, mentioned by Kutscher (1970:374), probably indicates the phonetic reality of the <n> of the Aramaic word.

⁷⁸ Assumed on the basis of later Aramaic traditions, such as Syriac.

⁷⁹ On Syriac, see Nöldeke (1898:113) and Widengren (1971:221-23). See also Morag (1988:169f.) on the Aramaic of the Babylonian Talmud. Dalman (1927:298) assumes, for Palestinian Jewish Aramaic, the gemination of /t/ as compensation for the loss of /tʔ/, whilst the Yemenite vocalised Targum Onkelos, Taj, points the Taw with a dagesh in those examples mentioned by Dalman when no Alef is written, e.g. Nu 31.30 אִתְּחַדּוּ; Dt 23.26 אִתְּאָלֵף.

⁸⁰ See Lindenberger (1983:46f.), and esp. Kottsieper (1990:145).

⁸¹ Kottsieper (1990:42) does not take into account the fact that this verb is most likely of a different binyan than the two remaining ones mentioned above.

will be instructed, ' /yiṭallap/(?).⁽⁸²⁾

f) *Partial assimilation* /t/ > /ṭ/

The adjective עתיק 'old' is also spelled עטיק: B3.10:22, B3.11:15, B3.12:31 (// עתיק ib.29)†, all by same scribe. This looks like a case of partial and optional—note עתיק B3.12:29—assimilation of ת to its emphatic counterpart ט in the vicinity of the emphatic ק.⁽⁸³⁾

g) /b/ > /p/

Another interesting variation involves a personal name. An obviously Jewish name מבטחיה, which occurs many a time in our corpus (e.g., B2.3:2), is spelled מפטחיה (e.g., B2.6:3), in fact more often with פ than with ב: 23x vs. 14x. A similar alternation is attested with their shortened forms: מבטח B2.3:36, מפטח B3.6:17. Scribes for whom we possess more than one document write consistently either ב (Attarshuri in B2.3 and B2.4) or פ (Nathan son of Ananiah in B2.6 and B2.7).⁽⁸⁴⁾ Both spellings occur on a roughly comparable chronological span: ב 460 - 400 and פ 485 (or 445) - 400 BCE. It appears that, where the voiced labial, /b/, is not followed by a vowel, it undergoes partial assimilation to the following voiceless consonant, /t/.⁽⁸⁵⁾ Note a similar alternation with respect to the feature of voicing in Modern Hebrew: e.g. הַבְטִיחַ [hifṭiaħ] 'he promised'; הֶזְבֵּר [hezber] 'explanation.' See below, § j.

h) *Progressive assimilation*

There is found in our corpus one instance wherein a consonant closing a syllable influences the immediately following consonant: in אֲזַדְדָרִי (< אֲזַדְדָרִי) tD impv. f.sg. 'Take care!' (זָהָר √) A2.1:8 where /t/ has become its voiced counterpart /d/ under the influence of the voiced sibilant /z/.⁽⁸⁶⁾ Likewise אֲזַדְדָרוּ tD impv.m.pl. A4.1:5.

⁸² Syr.: /net(ʔ)allaf/. See our reference to Dalman's view cited above in n. 79. The picture in the Aramaic of the Babylonian Talmud is not clear-cut: see Morag (1988:174).

⁸³ That the word is most likely cognate with Akk. /ete:qu/ and Ugr. /tq/, both 'to pass by,' speaks against Segert (1975:108), who regards עתיק as dissimilated from עטיק.

⁸⁴ The only exceptions are C3.15:25 with ב, but with פ at line 138. For the form with ב at B2.8:2, one with פ occurs at ib.14 in the endorsement, which appears to be by a different hand. The name of the scribe of B5.5 has not been preserved.

⁸⁵ Cf. also Beyer 1994:278f.

⁸⁶ See also below, § r on metathesis.

i) *Dissimilation*⁽⁸⁷⁾

The process opposite to what has just been described above seems to occur less frequently. The consonant ק sometimes dissimilates to its non-emphatic counterpart, כ, when it is followed, immediately or otherwise, by another emphatic within the same word.⁽⁸⁸⁾ Three such examples occur in the Proverbs of Ahiqar: כצפה 'his anger' C1.1:85; הכצר כל כציר 'Harvest every harvest!' C1.1:127; כשיטא 'upright' C1.1:158.⁽⁸⁹⁾ The only other examples to be found elsewhere are בכצה 'in part' C3.11:9 // קצחה 'its part' or 'the part' (= קצחא) A2.2:7; קרצי < כרצי 'calumny' D20.5:2. These few examples do not allow us to determine with certainty whether the sequence of the emphatics is a determining factor or not, for derivatives of צדק with ק following another emphatic, never show similar dissimilation.⁽⁹⁰⁾ On the other hand, עזכחיה D7.57:7 (for the standard spelling עזקחיה), if it mean 'its seals,' seems to attest to unconditioned dissimilation. Note also קחן C3.11:12 // כחן ib.4, should the former also mean 'flax.'⁽⁹¹⁾

An example which does not involve emphatics, but two identical sibilants is סמשא B3.6:9 for שמשא, i.e. /šimša:/ or /šamša:/.⁽⁹²⁾ Finally, we would note in passing חרין 'two' over against חנין 'second,' and בר 'son' over against בנין 'sons.' The obviously secondary forms with /r/ instead of /n/ seem to have something to do with the (virtual) absence of a vowel before the original /n/ and the word-initial consonant.⁽⁹³⁾

⁸⁷ Cf. Folmer 1995: 94-101.

⁸⁸ The same phenomenon is attested already in OA: כ"צא 'summer.' See Degen (1969:42).

⁸⁹ Cf. a discussion by Kottsieper (1990:42).

⁹⁰ The word קטל, though with <q> preceding, does not show dissimilation in our idiom as in OA, e.g., Tel Dan line 6 ואקתל 'and I killed,' though we do find יכטלך 'may they kill you' in an early 7th century document, not from Egypt, but from Nerab in Southern Syria, and that a different mode of dissimilation compared with אקתל just quoted. Moreover, the original shape of the root is disputed: קתל or קטל. On this last issue, see Kutscher 1972:22 and Garr 1985:72, n. 168. If it were קתל, the Nerab example would present a complex process: assimilation followed by dissimilation!

⁹¹ Folmer (1995:99) assumes that it does, whereas for Hoftijzer - Jongeling (1995:1040) its meaning is unknown.

⁹² Cf. Arabic /šams/, for /*sams/, and see Brockelmann (1908:159).

⁹³ Cf. Brockelmann 1908:230. See also below at p. 75, n. 170.

j) Spirantisation

The origin and date of the process whereby the six plosives /b, g, d, k, p, t/ developed each its positional variant, /b, g, d, k, p, t/ immediately following a vowel has been much discussed.⁽⁹⁴⁾ On the basis of the fluctuating transcription of the names of the Persian kings Xerxes and Artaxerxes in a sixth century Akkadian document with <k> and <h> Eilers⁽⁹⁵⁾ concluded that the process had already begun by then. Driver (1957:78) considers the spelling variation וְכַדְסִירָם A6.14:1 // וְחַדְסִירָם ib.6. This personal name of apparently Anatolian origin is thought to be related to Luvian *hant(a)* and Hittite *hanza*.⁽⁹⁶⁾ It occurs in a document dated to the late 5th century BCE. The assumption would be that, in the speech habit of the anonymous scribe concerned, כ was, under certain conditions, pronounced similarly to ח. Note that, in yet another variant spelling of the name, there is no vowel preceding it, yet it is also spelled with Kaph: כְּוִסִרָם A6.11:1. It is thus not clear whether these spelling variations represent the phenomenon familiar in Hebrew and Aramaic conditioned by a preceding vowel or not.

There is no telling whether or not the partial assimilation of כ to פ, discussed above (§ g), was realised as /v/ (or bilabial /b/) > /f/.⁽⁹⁷⁾

An early 7th century document from Nerab with יכַטְלִיךְ 'may they kill you' (Nerab 1.7) shows that the spirantisation had not

⁹⁴ See Kutscher (1971:374).

⁹⁵ Eilers (1935:207, n. 5) and Eilers (1940:70, n. 6). Rosenthal (1961:13) holds that this is "an Aramaic development which, in all likelihood, was under way in the sixth century B.C."

The fact that in 37 cases of Egyptian words or names containing *h* or *h* our Aramaic sources use כ, and not פ as in comparable Phoenician transliterations leads Muchiki (1994) to conclude that the spirantisation was not yet operative in Egyptian Aramaic. It is, however, possible that members of the speech community of Egyptian Aramaic perceived the Egyptian *h*, if this were phonetically equivalent to a spirantised /k/, as identical with *h*. Besides, Muchiki does not appear to be aware of views of scholars such as Eilers and Kutscher.

⁹⁶ On the literature, see Grelot (1972:476). Segert (1975:96,118), possibly relying on Speiser (1939:5), mentions Hurrian as a possible source of this development, which conceivably penetrated Old Aramaic.

⁹⁷ Kaufman (1974:119) rejects the Akkadian origin of this development, though he does not mention a study by Eilers (1940) showing Aramaic influence in this respect in Akkadian transliterations. See also above, § 2 a, and Kaufman 1974:151f.

yet begun in this period and/or in Southern Syria. On the dissimilation of /q/ to /k/, see above § i.

In this connection we ought to bear in mind a point aptly made by Degen (1979:21f.) that positional allophones of the plosives could only begin to function after the interdental phonemes /d̪, t̪/ had shifted to /d, t/ respectively.⁽⁹⁸⁾

k) Possible weakening or elision of gutturals

The conditional particle is consistently spelled הן (once הין D7.56:7), with the sole exception of הן at A2.1:9, one of the Hermopolis papyri, which also prefers Afel to Hafel; see below § 28. Another possible case of a weakened ה is פחי B2.3:4 for the expected פחיה 'its breadth' // ארכה 'its length' ib., but cf. ארך פחי ... in a generally similar context (B3.12:7f.)⁽⁹⁹⁾; משחה for the expected משחחה 'its measurements' B3.5:12 // תחומיה 'its boundaries.' Also at the end of a word (a personal name), we note יהשמ B3.6:18 (in the endorsement of a document) for יהשמ elsewhere in the document. Furthermore, the abnormal spellings ידני A4.4:5, B2.8:2 PN for ידניה A4.3:1+ as well as צפליה PN C3.15:96 for צפליה ib.109 attest to the weakening of the consonantal ה as part of the theophoric name, the Alef having become a mere vowel letter. The same applies to the occasional use of ה at the end of a word where the standard orthography has ה, or vice versa: שליטה אנחי 'you are empowered' B3.10:13,14,15 // שליטה אנחי ib.11; זה 'this' (repeating the preceding זנה at the end of the preceding line) B3.10:16; אל חהשגא לבבא 'Do not lead astray the heart' C1.1:137⁽¹⁰⁰⁾; זי חלהא 'third' C1.1:187.

An abnormal spelling such as ביהא (= ביהא) 'the entire house' B3.5:20 shows that the st. det. morpheme spelled with Alef no longer carried any consonantal value. Cf. § 18 f.

Forms such as אושעיה B2.9:18 // אושע A3.3:14, D1.6 Frag. b+ as variants of הושעיה A3.6:5+ // הושע A4.4:5 probably attest to the weakening of the initial He, thus making the Alef a mere vowel-carrier.⁽¹⁰¹⁾ Since the root ישע is foreign to Aramaic, one cannot cite these names as evidence for the coexistence at an

⁹⁸ See also Muraoka (1983-84:90) and our remark below (§ 31 a).

⁹⁹ See also B3.8:6 (פחי) and ib.12 (ארך), where, however, just as in B3.12:7f., the words in question are immediately followed by a phrase <אמן + cipher>, which suggests that they may be adjectives rather than the corresponding abstract nouns.

¹⁰⁰ חהשגא = חהשגא (= /šaggi/) is an unlikely collocation. Hence חהשגא = חהשגא. Cf. Lindenberger (1983:134).

¹⁰¹ Cf. Syr. /idaː/ = JA ידא.

early stage of two separate Aramaic causative binyanim *Hafel* and *Afel*, but rather they evidence the phonetic change /h/ > /ʔ/ or /h/ > /ø/ already in our period. Because *אושע-* is no part of the ancient Hebrew onomasticon, this must have resulted from an inner-Aramaic phonetic development.

The name of Ešor's wife, *מבטחיה*, is spelled twice B2.6:3,32. Both occur in Ešor's personal reference (direct speech) to her, alongside the usual spelling in this document, viz. *מבטחיה*.⁽¹⁰²⁾ Is it possible to speak of hypocoristic or endearing syncope?

The aphaeresis of *ʕ* in the numeral for 'one' is a universal Aramaic phenomenon attested from Old Aramaic onwards, shared also by Samalian⁽¹⁰³⁾: m. *חד*, f. *חרה*. On the other hand, another pan-Aramaic word, *חזה* 'sister,' appears in our corpus as *אחה* A2.2:5 et passim.^(103a) A similar aphaeresis may be considered possible in a personal name *חחבסתי* A6.13:3,4, an alternative form of *אחחבסתי* A6.14:1,4.⁽¹⁰⁴⁾ Finally, we may note *יחלי* B4.1:2 for *אית לי* 'I have.'⁽¹⁰⁵⁾

1) *Apocope of /ʔ/*⁽¹⁰⁶⁾

The glottal stop at the end of a word-form not followed by any sound is often elided. Thus *שגי* 'much' A3.5:1 (// *שגיא* ib.2);

¹⁰² On this spelling instead of *מבטחיה*, see above, § g. The name is misspelled at B2.8:10 as *מבטחיה*.

¹⁰³ See Dion (1974:118) and Tropper (1993:184f.). The shift of the stress to the ultima can hardly account for the aphaeresis, since that would leave too many words and forms unaffected by such a development.

^{103a} The two forms, /ħa:ta:/ and /ʔaħa:/, are probably two distinct lexemes in origin. The one is not derivable from the other. The long internal /a:/ of the first is genuine in view of the Hebrew /ʔa:ħo:t/ < *ʔaħa:t/. See also § 12 c, n. 23.

¹⁰⁴ See a discussion by Driver ad loc. (1957:76, 79).

¹⁰⁵ Cf. also our observation at § 21 e, n. 216. On *יח* for *אית*, see also Porten 1985:50. Is it at all possible to infer from this that the widely accepted development (/ʔalpu/ > /ʔalp/ > /ʔalep/ or /ʔalap/ > /ʔalép/ or /ʔaláp/), namely the shift of penultimate to ultima stress, had already occurred? That is perhaps going a shade too far?

As regards *נשיבתן* A6.11:2 Ginsberg (1969:633, n. 4) suggested a Babylonianism /niše: bi:ti/ 'household members' instead of 'women of household.' The phrase recurs at A6.12:2 (*נשי ביתה*) and may be restored at A6.11:4 (ditto). It also occurs in *נשיבתן* D6.8b and *נשיבתה* D6.8f:2. As it is thus confined to the three related documents, Ginsberg's view is more likely than the assumption of aphaeresis, i.e. *נשי* > *אנשי*.

¹⁰⁶ Cf. Folmer 1995: 102-23.

A4.3.10 where an Alef was added later above the line; מוע 'exit' B2.2:8 // מועה B2.10:6, B3.4:9, B3.10:3 and מועה B2.3:4,6; לממשה 'to reach' C2.1:20,25 // לממ[ח] ib.41. See also under Lamed-Alef verbs: § 34. The occasional use of ה instead of א for the st. det. morpheme, especially in the Hermopolis papyri⁽¹⁰⁷⁾, shows that, by our period, the glottal stop, if the morpheme was -a' or -a:', had elided. See below § 18 *f*. Likewise the disjunctive personal pronouns for 'he' and 'she,' הו, הי respectively (§ 11), which are both spelled in OA as הוה.⁽¹⁰⁸⁾ Note also לה (= לא) 'not' A2.3:4 + 9x and לאשכב = לא אשכב 'I shall not sleep' D23.1 II:15; ביחה 'the house' B3.13:9. More examples may be found below in § 5 *g*.

m) *Syncope of /l/, which takes two forms.*

(i) V + /l/ + C > VC.⁽¹⁰⁹⁾

The glottal stop at the end of a syllable may be elided. This occurs with Pe-Alef roots. Thus אמר G impf. 1sg. of אמר (B2.1:12, 471 BCE), never spelled אאמר; לממר G inf. of same (A4.9:2†, later than 407 BCE) // למאמר C1.1:163, D7.39:10; למחד G inf. of אחד 'to seize' (B3.13:10, 402 BCE) // למאחד B4.4:17; יחה 'he will come' B3.4:22 (437 BCE) // יאחה C1.1:213+. Likewise מכלא 'food (?)' C3.14:34, if < מאכל < מכל, same word, B4.1:4. Of course, it is not absolutely certain that the /l/ has been elided also where א is still written: e.g. יאמר A3.10:2. Given the fairly frequent spelling without א, the odds are that forms with it are more likely historical or correct spellings. Here also belongs קן 'sheep' A4.10:10, D7.1:3, i.e. /*qa'n/ (= PS /*ḡa'n/) > /*qa:n/. Cf. also מאן 'vessel,' spelled once without Alef, מני נחשא 'bronze vessels' A3.9:5; ברא 'well' A4.5:8^{bis} as against its historical spelling באר ib.6 (< /*bi'r/)⁽¹¹⁰⁾; רשא 'the capital' B3.1:6^{bis} // the more common, historical spelling ראשא, e.g. B2.2:1.⁽¹¹¹⁾

¹⁰⁷ E.g., כספה (= כספא) 'the silver' A2.2:4. For more details, see § 18 *f*.

¹⁰⁸ In the light of the OA forms, which Kottsieper (1990:46) neglects altogether, his hypothetical Proto-Aramaic /huwa/ and /hiya/ are unacceptable. Cf. Degen (1969:54f.), Segert (1975:17), and Dion (1974:58).

¹⁰⁹ Cf. Folmer 1995:106-9.

¹¹⁰ Cf. Sefire I B 34 בידא.

¹¹¹ Though we have only two nouns, presumably of an identical structure, i.e. /*CḡC/, which probably shifted to /CḡiC#/ or /CḡeC#, but remained /CḡC-/, we could perhaps extrapolate from this and suggest that the same process applied to all segholate nouns, e.g. /*malk/ > /mlek#/ and /malk-/. [The symbol # signifies that there is no further inflectional addition to the stem.] It so happens that the absolute or construct state of a typical Aramaic segholate noun shows /e/ as its vowel, and the only /CaḡC/ type is attested in our corpus

n) (ii) C + /ʔ/ + V > CV⁽¹¹²⁾

An example illustrating this process is בבל 'Babylon' A6.15:1 as against its historical spelling בבאל ib. 5.

The spelling לוֹסִירִי (= /losiri/?) 'to Osiris' D20.2 for the expected לוֹסִירִי may indicate that the proclitic preposition had already lost its vowel, though the standard spelling of the divine name may simply be a graphemic accommodation to the Semitic principle of using an Alef to indicate a word-initial vowel.⁽¹¹³⁾

Although the performance of the scribe of B3.3 leaves something to be desired, he spells a f.s. noun שְׂנֵאָה 'hate' in two different ways: שְׂנֵא (8) and שְׂנֵאָה (9). Both, however, could be scribal errors for שְׂנֵאָה, as occurs several times in the same document, though the first form may attest to a syncope of the glottal stop, /šin'a:/ > /šina:/, as corroborated by B3.8:40 < שְׂנֵאָהִי < שְׂנֵאָהִי, namely /šina:hi/ < /šin'a:hi/.⁽¹¹⁴⁾ Note also רְפֵאָה 'cure,' f.sg.abs. with the Alef added above the line⁽¹¹⁵⁾: the /ʔ/ had probably been syncopated, but added subsequently by way of orthographic correction

The frequent word בָּאִישׁ 'evil,' which is always (7x) spelled with Alef, e.g. A6.7:8, is probably a case of historical or etymological spelling.⁽¹¹⁶⁾

Since the Hermopolis papyri (A2.1-7; D1.1) typically prefer Afel to Hafel⁽¹¹⁷⁾, forms such as יִשְׁכַּח 'he will find' A2.2:15 and תִּשְׁכַּח 'you will find' A2.4:10 probably attest to a syncope of /ʔ/ rather than /h/. Likewise יִבְרִיחוּ (< יִבְרִיחוּ*) 'let them bring' A2.1:7; תִּבְרִיחַ (< תִּבְרִיחַ*) A2.2:7 'she shall dispatch.' In the following cases which occur elsewhere in our corpus, however, it is hardly possible to determine whether it is /ʔ/ or /h/ that is to be assumed to have been syncopated: תִּשְׁכַּחֵן A4.2:10, תִּשְׁכַּח B3.1:9,10,17; יִשְׁכַּחֵן D7.9:6. Our assumption is that, just as in the D stem, the prefix of the impf. and ptc. of the A or H stem was, synchronically speaking,

by קֵן 'sheep,' which does not show the type of orthographic alternation as the other two nouns under discussion.

¹¹² Cf. Folmer 1995: 109-15. This is a phenomenon well known in Classical Syr.: see Muraoka (1987:12; 1997b:13).

¹¹³ Interestingly the accompanying Egyptian text shows *Wsir*.

¹¹⁴ See also Folmer 1995:112.

¹¹⁵ If the glottal stop had already syncopated, Lindenberger's alternative (1983:79), /rʔpʔa:h/, becomes unlikely.

¹¹⁶ בִּישׁ is attested in a 5th cent. BCE document from Asia Minor: KAI 258:3.

¹¹⁷ See below § 28.

vowelless.⁽¹¹⁸⁾

A word with Alef as final radical appears to retain the glottal stop not only graphically, but also perhaps phonetically when it is followed by a suffix beginning with a vowel: כרסא 'the throne' C1.1:133, כרסא 'his throne' B2.2:2; מומא 'the oath' B2.2:6; מטא G ptc.f.sg. 'arriving' A2.4:4, B2.8:5. Interpretation of other Lamed-Alef verb forms is debatable: e.g., מטא 'he reached me' B2.11:5; אמחאנך 'I will hit you' C1.1:177; תקראן 'they will call' ib.165 // ירפון 'they will heal' ib.154. For details, see § 34. Forms of the noun מרא (/ma:ri/) are split: see the following subsection.

o) / > /y/ (¹¹⁹)

This is attested, for instance, by the noun מרא 'master' (¹²⁰): מרי 'my lord' D7.15:3, D7.21:1; מריה 'its (f.) master' A3.10:2. (¹²¹) מריהם 'their owners' A4.4:8 can be considered a haplography for מרייהם (= מראיהם A6.10:4+), whilst מראניהם on the same line (¹²²) and חטאך 'your sins' C1.1:50 could be a historical/etymological spelling. Cf. also שריח 'the remainder of' A4.7:11 // שאר B3.8:26; כיבי 'my pain' C1.2:19. This change may be a case of a weak glottal stop assimilating to the following homogenic vowel *i* or *e*, which implies that the m.pl.cst. morpheme /ay/ had contracted to /e/.

p) V + /y/ + V > V + / > V

This feature, which occasionally occurs in BA in the Tiberian

¹¹⁸ See also below § 30 e on the binyan -tA.

¹¹⁹ Cf. Folmer 1995:113f. מקריא 'declaration' B7.2:6 (det.sg.) cited by Folmer (1995:114) is better explained in terms of the merger of original Lamed Alef roots with Lamed Yod roots, as Folmer herself indicates.

¹²⁰ Cf. Syr. /ma:rya:/ with reference to the God of Israel or Christ.

¹²¹ This form, appearing in a text which was unknown to him as well as to Baumgartner, whom he criticises, undermines Schaefer's (1930:239f.) view that in EA every Alef of this lexeme was etymological and that the st.abs./cst. מרא, מרה, מרי represented a mere secondary formation, *ma:re:*. Such a view cannot account for the Yod. The spelling מריה suggests further that מרי 'my master' was probably pronounced *ma:ryi:* rather than *ma:ri:*, and that despite cuneiform evidence mentioned by Tallqvist (1914:135a) and Zadok (1978:64f.), the apocope of the final radical y had not yet become universal. Note also מרי 'my lord' Ashur letter 6 for מרא elsewhere in the letter.

¹²² Cowley (1923:129) and Grelot (1972:397) restore מראן A4.4:8 instead. See also Widengren 1971:228-31. There is no compelling reason for seeing the form as singular.

Qere tradition⁽¹²³⁾, seems to be unknown in our corpus.⁽¹²⁴⁾ Thus we find, e.g. יהודיא, not יהודאה 'the Jews' A3.8:12⁽¹²⁵⁾; יתניא 'the Ionians' C3.7Jv2:10: cf. below, § 18 *h*. See also a form such as צימין, not צאמין A4.7:15; see § 35 *h*.

q) Syncope of /h/

The only certain case is that of sandhi in הן לו 'if not' C1.1:176, i.e. לו < הוּ לֹ. We are probably dealing with a scribal error⁽¹²⁶⁾ in בניהם 'between them' (B3.11:5), for otherwise there would result a most extraordinary case of hiatus. In our corpus we find two synonymous verbs for 'to be able': כהל and יכל. The latter, occurring 25 times, appears to be confined to the imperfect⁽¹²⁷⁾, whilst the former occurs also as participle (twice out of 47 occurrences of the verb: כהל B3.10:17, כהלן B3.4:22). The question is whether a form such as אכל could be interpreted as derived from אכהל* with a syncopated ה. Old Aramaic knows only the כהל type as in יכהל Sefire I B 25. On the other hand, the Tiberian tradition of Biblical Aramaic with its יכל, יכל demonstrates that the impf. of יכל is just as firmly established.⁽¹²⁸⁾ It is more likely, then, that יכל and the like are derivatives of √ יכל.

r) Metathesis

Our idiom attests to a pan-Semitic⁽¹²⁹⁾ phonetic feature whereby /t/ of the prefix of a t-binyan swaps its position with

¹²³ E.g., כשקיא. See Bauer - Leander (1927:51).

¹²⁴ See also Kaufman 1977:93.

¹²⁵ In the Tiberian tradition, this gentilic as well as לִי* 'Levite' are exceptions, preserving the original Yod, even including יהודיאן Dn 3:12 where the Ktiv is in keeping with the general trend in question.

¹²⁶ So Kraeling (1953:253), who also mentions בניהם B2.7:14; B2.10:7, which of course is a different kind of 'error.' See § 8 *a*.

¹²⁷ יכל at B2.7:11, B5.1:5, B5.3:2 is most likely impf. 3m.sg. rather than the ptc. m.sg. or pf. 3m.sg.

¹²⁸ BA has no example of the יכהל type, though כהל is of rather rare occurrence, attested only four times as a participle: Dn 2.26, Dn 4.15, Dn 5.8, 15.

¹²⁹ Pace Kaufman (1977:92) and Fitzmyer (1995:87) it seems to us too daring to say, on the basis of a sole instance (Sefire I A 29 יחשנע), possibly a mason's slip (so Degen 1969:67), that OA was not subject to this rule. Ben-Hayyim (1971:249) sees here a form of Ettafal, causative passive: /yittašma'/. The slight difficulty is that this frequent verb, also in the causative Afel, is not attested in Ettafal elsewhere in Aramaic. Kutscher (1972:33) has other reservations.

the initial radical when the latter is a sibilant⁽¹³⁰⁾: יִסְחַבְלוֹן 'are supported' tD impf. 3mpl of סָבַל (C1.1:73)⁽¹³¹⁾; אִשְׁתָּאָר 'remained' B3.12:6, and quite a few similar examples. In אִזְדָּהָרִי 'Take care!' A2.1:8, A2.2:17, הִזְדָּהָרִי D7.9:9, tD impv.f.sg. of זָהָר we also observe partial assimilation of /t/ to /d/ under the influence of the voiced /z/. See also יִשְׂתַּבֵּעַ 'he will be sated' C1.1:124; תִּשְׁתָּאֵל 'you will be called to account' A6.8:3; אִשְׁתָּבַק 'was abandoned' A6.11:4; אִשְׁתָּדְרוּ 'they intervened' A4.3:4; אִשְׁתָּוִין 'we reached an agreement' B2.11:2; אִשְׁתָּכַח 'was found' A4.5:13; יִשְׁתָּלַח 'will be sent' A6.2:21; יִשְׁתָּמַע 'will be listened to' B3.8:42; אִשְׁתָּמַר 'Guard!' C1.1:81; תִּשְׁתָּנֶּה 'you will change' C1.1:200; תִּסְתָּכַל 'you will be clever' C1.1:147.

s) *Fluctuation between /m/ and /n/*

The change /m/ > /n/, as in עֲלֵיהֶם 'on them' A3.8:4 vs. עֲלֵיהֶן A2.2:10, is particularly common with pronominal or personal morphemes, namely those of the second and third person plurals at word-final positions: e.g., כֶּם- vs. כֵּן- or כֹּן- 'your' (m.pl.), הֶם- vs. הֵן- 'their' and שְׁאִילָתָם 'you (m.pl.) were interrogated' B2.9:8 vs. וּבִנְתָן 'you bought' A3.10:5. For details and discussion, see §§ 11 e, 12 i, k, 24 d. שִׁנְצוּ 'they succeeded' A6.7:7 seems to be the only certain case of this change in word-medial position, if the root be מִצָּץ.⁽¹³²⁾

t) *Word-final cluster of two identical consonants*

A word-final consonantal cluster consisting of two identical consonants is, as in Hebrew, simplified. Thus בְּנֵי (= בְּנִי pl.cst. + י 'my') > בְּנֵי 'my sons.'⁽¹³³⁾

§ 4. Vowels

What information we can retrieve from the written texts of our corpus about the vowels of their language and their behaviour is naturally meagre in the extreme. Our main sources of knowledge

¹³⁰ On the possibility that we might be dealing here with a residue of an infixed *t*, and not a case of genuine metathesis, see Joüon - Muraoka (1993:74). Segert (1975:110) admits that this is a morphologically conditioned phenomenon.

¹³¹ Whatever the precise phonetic nature of the sound represented by ס may have been, it is clear that it shared a certain phonetic feature with the other sibilants.

¹³² See Driver 1957:54.

¹³³ It is assumed here that the pronoun for 'my' had already lost the original *a* of *ya*, and subsequently *Cy* > *Ci*. By analogy this process affected a noun whose cst. form ended in a vowel.

are (a) the use of the so-called *matres lectionis*, namely the use of א, ה, ו, and י, and (b) features of spelling, especially alternative spellings of what may be assumed to be an identical phonetic entity. Furthermore, we may draw upon our knowledge of vocalism in later Aramaic dialects and also take cognate languages into account.⁽¹³⁴⁾

In any discussion of possible use of certain consonant letters to represent vowels, i.e. *matres lectionis*, it is imperative to distinguish two types of data: a) cases in which these letters are used deliberately to indicate vowels, especially where no such letter was used at an earlier phase of the language or they alternate within the corpus itself with cases where no such letter is used, and b) cases in which those letters appear where vowels can be assumed to occur, and that generally for historical or etymological reasons, but have not been used by design in order to indicate vowels, for they have lost their original consonantal value as a result of some phonetic development or other⁽¹³⁵⁾. The former are *matres lectionis* by design, the latter by default.

§ 5. Word-final vowels

A word-final vowel is mostly spelled with a vowel letter.⁽¹³⁶⁾

a) *Word-final i vowel*

A word-final *Yod* indicates *i* as in יי *passim*, the relative pronoun or conjunction; הי 'she' A2.1:6; אחתי 'my sister' A2.1:1, possessive suffix, 1sg., hardly /aḥa:tiya/ or the like; שלח 'Send!' A2.3:12, impv. f.sg.; הדדנורי 'Hadadnuri' A2.2:19, a personal name.

b) *Word-final Yod = /y/*

A word-final *Yod* probably indicates a semi-vowel /y/ as in a gentilic such as יהודי 'Jewish' A2.2:3, which most likely ended

¹³⁴ The classic treatment of the subject is Cross - Freedman (1952). Since then, however, some significant advances have been made, especially as a result of the discovery of new texts such as the famed Tel Fekheriyeh bi-lingual (9th century BCE?), rendering some significant revision of Cross and Freedman's theory necessary. See Freedman - Forbes - Andersen (1992). Sarfatti 1995 is an insightful survey in the light of these recent advances.

¹³⁵ The fact that נר 'foreigner' or כן 'upright' is never spelled with a *Yod*, as pointed out by Kottsieper (1990:78), does not invalidate Lindenberger's suggestion (1983:281) that בית might contain a vowel letter.

¹³⁶ In contradistinction to Beyer (1984:88), who holds that unstressed word-final vowels were only graphically represented in order to avoid misunderstandings. Cook (1990) agrees with Beyer that final unstressed long vowels, especially /a:/, were often not graphically represented in OA and IA.

with /-a:y/: likewise אַרַמִי 'Aramaean' B2.1:2, בַּחְתִּירִי 'Bactrian' D2.12:2, וּרְכִנִי 'Hyrcanian' B8.3:3, חֲרֻזִי 'Khwarezmian' B2.2:2, יוֹנִי 'Greek' C3.7Ar2:21, כַּסְפִּי 'Caspian' B3.4:2, מְדִי 'Median' B3.6:17, מִצְרִי 'Egyptian' C3.19:33, עֲרָבִי 'Arabian' C1.1:207, פֶּרְסִי 'Persian' C2.1:19, צִידֹנִי 'Sidonian' C1.1:207, צִעִי 'Zoanite' C1.2:25. Similarly a nisbéh תַּחְתִּי 'lower' A3.5:8.

Whether or not every word-final *i* vowel was indicated by a Yod is somewhat debatable. In this regard, contrasting pairs such as אָבֹהִי B3.6:11 // אִבּוֹהִי ib.12 both 'his father' and לְכִי B3.10:2,3 // לִךְ ib.12 'to you' (both referring to a woman) deserve our attention. See below § 12 e. Did the length of the vowel concerned and/or the position of the stress have anything to do with this fluctuation? Later Aramaic shows little trace of such a vowel, though historical spelling usually retains the Yod.

There is no internal clue for determining how the m.pl./du.cst. ending as in סֹפְרֵי 'the scribes of' A6.1:1 may have sounded. Whilst the absolute number of occurrences of the morpheme is rather small, there is not a single case in which the Yod is wanting. But if the original diphthong had already contracted to /e:/, the spelling with Yod would be merely traditional/historical, in which case the letter would be, synchronically speaking, a mater lectionis by default only. Cf. the preposition אַחֲרֵי 'after' C1.1:83. On the other hand, the conjunctive pronoun 'my' with a m.pl./du. noun as in בִּי is likely to have ended with /ay/. Cf. § 8 a.

c) Word-final Waw = *u*

A word-final Waw may indicate *u* as in הוּ 'he' A2.1:8; שִׁמְעוּ 'Hear!' C1.1:59, impv. m.pl.; אָמְרוּ 'they said' A3.5:4, pf. 3m.pl.; נָבֻ A2.3:1 'Nabu,' a divine name. One may safely assume that, excepting some proper nouns, every word-final *u* vowel is represented by a mater lectionis Waw. On the other hand, the reverse is not always true; in other words, not every word-final Waw is an indication of an *u* vowel. Thus the ubiquitous Tetragrammaton יְהוָה, ending rather with *o*, as is evident from the alternative spelling יְהִה: see below § 5 e. Likewise בָּנוּ 'they built' A4.7:13, ending with *aw* or *o*; on the contraction of diphthongs, see below § 6 e.

d) Word-final Waw = *o*

A word-final Waw, as just stated, may indicate *o*. This may be the case with some forms of Lamed-Yod and Lamed-Alef (on the latter, see § 34 b) verbs. So most likely יָאֻרוּ 'May they come!' A6.5:3, G juss. 3m.pl. of אָרַח; כָּלוּ 'they detained' A4.2:15, G 3m.pl. of כָּלַא. See further below at § 34 on Lamed-Yod and

Lamed-Alef verbs.

e) *Word-final He* = *a*, *e*, or *o*

A word-final He may stand for *a*, *e*, or *o*.

For *a*: ספרה ונה (the first word for the standard ספרא) 'this document' A2.3:12; ביחא כלה (for the standard ביהא כלה) 'the whole house' B3.5:20; ונה ונה ביחא 'this house' B3.10:15 (with dittography); נפקה G ptc. f.sg. of נפק 'to exit' C1.1:171; הוה G pf. 3m.sg. of הוה 'to be' C1.1:72⁽¹³⁷⁾; אנה 'I' passim; לה 'not,' often in the Hermopolis papyri instead of the standard לא. The use of He for a word-final *a* is one of the well-recognised hallmarks of the Hermopolis papyri.⁽¹³⁸⁾

As regards an attempt to admit a much more widespread defective spelling of word-final, unstressed long vowels, /a:/ in particular, than the orthography of our corpus seems to suggest⁽¹³⁹⁾, a few observations must be made. (1) The co-existence of defective spellings and occasional plene spellings, such as ן- vs. נא- 'our' (§ 12 *h*) does not have to mean that the long form, which had never earlier existed, made its appearance out of the blue late in the history of Aramaic, only to be replaced subsequently by the shorter variant as a result of apocope of unstressed word-final vowels. The two forms may have coexisted for quite some time, even if diachronically the one developed from the other. Otherwise one would be compelled to assume that, on account of כה- 'your' (m.s.) in QA, every single ך in OA and IA is a defective spelling for /-áka:/, whereas not a single case of plene spelling for this morpheme is attested in OA and IA. Likewise, are we to interpret every אנה 'you' (2m.s.) in OA and IA as /ánta:/ on the strength of BA Ktiv and QA אנה, despite the fact that the pronoun is never spelled plene in Early Aramaic? (2) In addition to theoretical considerations on the history of Aramaic phonology and orthography, each individual case must be considered with reference to general orthographic patterns of a given document or scribe and the professional quality of scribes.

For *e*: אריה 'a lion' C1.1:184; אלה 'these' B3.7:14⁽¹⁴⁰⁾; אנה

¹³⁷ That the final He is a mere mater lectionis is apparent from its absence in the rest of the Pf. conjugation including a form such as גרבי 'he brought (suit) against you' B2.8:9.

¹³⁸ As emphasised by Kutscher (1971:103,105f.). See also § 14 *b*, 18 *f*.

¹³⁹ See especially Cook 1990.

¹⁴⁰ That the Heh is a vowel letter is evident from the way in which אלה 'those' is formed, namely by adding <k> or <ky> to a form of the near deixis (§ 14 *c*).

'coming' G ptc. m.sg. A2.5:6; יהיה 'will be,' G impf. 3m.sg. of היה A3.6:3; למבנה 'to build,' G inf. of בנה A4.7:23. For more examples of this type, see under § 37 *d-k*.

For *o*: rather exceptional is יהה, obviously instead of יהו, the name of the Jewish deity at Elephantine—B2.7:14, B3.3:2, D7.16.3,7, D7.18:3, D7.21:3, D7.35:1†. This is an archaic Hebrew form of the name. See also יההאור 'Jehour' B5.1:2 (495 BCE) // יהואור B2.11:16 (410 BCE).

f) Word-final Alef = *a* or *e*

A word-final Alef may also stand for either *a* or *e*.⁽¹⁴¹⁾

For *a*: משיא 'he arrived' B7.2:7; שמיא 'the sky' A1.1:2⁽¹⁴²⁾; לא 'not' passim; ברא 'a daughter' B2.8:9; תנא 'here' D1.11:1.

For *e*: חתמלא B3.1:11, tG impf. 2m.sg. of מלא 'to be full'; most likely אקרא B7.2:7, G impf. 1sg. of קרא 'to call' B7.2:7⁽¹⁴³⁾ rather than ^{eqra}: see § 34); ישנא 'he will proceed' D7.4:2.⁽¹⁴³⁾

In most of these cases, however, the final Alef is essentially historical or etymological, no genuine mater lectionis. But the rare spelling of the plene forms of the conjunctive pronouns, נא-1pl. and נה-3fs.⁽¹⁴⁴⁾, non-standard spellings נא 'this' (§ 14), and תנא 'here' (§ 22 *a*) must be considered cases of Alef as genuine mater lectionis, which probably dates from a period when the originally consonantal word-final Alef had, as a consequence of a phonetic development, become a virtual mater lectionis. In point of fact, some of the cases of נא- and נה- are found in documents dating from as early as the 5th century BCE, which probably indicates that the phonetic process in question was effectively complete by then, but the conservative scribal tradition prevented further spread of this spelling innovation until another phonetic development, namely the apocope of the final vowel, came to preclude such a spelling once and for all.

g) Multivalence of word-final *matres lectionis*

Thus each of the four *matres lectionis* is multivalent, there

¹⁴¹ See a recent reconsideration by Andersen (1992:79-90) of Cross and Freedman's position regarding Alef as a mater lectionis in Old Aramaic (1952). In conclusion, Andersen agrees with Cross and Freedman, though for different reasons.

אריא at C1.1:183, being parallel to אילא 'gazelle,' is likely to be in the st.det. (generic? - see below § 46 *fb*), whereas אריה ib. 165 is in the st.abs. (Parye:/?).

¹⁴² On the interpretation of the st.emph. morpheme א, see above, § 3 *l*.

¹⁴³ On the last verb see below, § 37, n. 197.

¹⁴⁴ See below § 12g, *h*.

being no one-to-one correspondence. This multivalence is compounded by variations and inconsistencies such as לממטה 'to reach' C2.1:20,25 // לממטא ib.41; מן עליה לחחתיא 'from "above" to "below"' B3.12:16 // ומן חחתיא לעליא ib.8; מועה שמש 'east' B2.10:6 // מועא שמש B2.3:6 (two different scribes of 416 and 460 BCE respectively); even with a personal name and in same document—אורי D7.9:1 // אורי ib.3.⁽¹⁴⁵⁾ Note also ידניא B2.8:2 for the usual ידניה 'Jedaniah'; ארמיא 'an Aramaean (woman)' ib.3; אלהזה 'the goddess' for the usual אלהזה ib.5; ברא 'daughter' ib.9 for the usual ברה. One can hardly speak of scribal consistency, as is clearly illustrated by the just-quoted scribe of B2.8. However, the Hermopolis papyri are consistent in their spelling לה for the standard לא 'not.'

h) Word-final long *a* graphically not visible?

Whether a supposedly long word-final *a* may occasionally have not been graphically indicated will be discussed later under Pronouns (§ 11 *a*).

i) Spelling of unstressed word-final long *a*

Kottsieper (1990:80) cites אנחנה 'we' as the sole exception to his rule that an unstressed word-final *a*: is spelled defectively. However, one should include here זילנא 'our' A6.10:2 (see below § 12 *g*) and the adverbial כלנא 'entirely' (see below § 22 *c*), the latter of which, according to the Tiberian accents, is mil'el, i.e. stressed penultimately.⁽¹⁴⁶⁾

j) Pronouns הו and הי

The forms of the pronouns הו 'he' and הי 'she' indicate that by our period⁽¹⁴⁷⁾ a word-final, short vowel had been lost. Their earlier forms are generally assumed to have ended with a short *a* preceded by a glottal stop. Thus the subsequent development was probably: */huʔa/ > /huʔ/ > /hu/ and */hiʔa/ > /hiʔ/ > /hi/.

Since הו in OA⁽¹⁴⁸⁾ suggests that the Proto-Aramaic 3rd sg. disjunctive pronouns had, like the Hebrew counterparts, a glottal stop as their component and thus differed from Classical Arabic with /huwa/ and /hiya/, the Waw and Yod in our forms are

¹⁴⁵ On the fluctuation in spelling of the theophoric element, cf. also Folmer 1995:121.

¹⁴⁶ On the stress position, see Bauer - Leander (1927:88).

¹⁴⁷ By any account, Beyer's view (1984:88) that these vowels must have dropped by the 12th century BCE at the latest seems to be too extreme; see also a critique by Kottsieper (1990:83).

¹⁴⁸ Segert's reading of הו at Sefire III 22 (Segert 1975:166) is now generally rejected.

genuine vowel letters, though they do not necessarily indicate : long *u* and *i* respectively; they may simply be a graphic distinction between the two vowel qualities.

k) *Pleonastic word-final Alef*

There are two examples, both in a single document, of an otiose word-final Alef following another mater lectionis: *רעה נכו* 'Pharaoh Necho' D23.1 Va:11, XII:7 // *פרעה נכו* ib. VIII:12 *היא* 'she' ib. XIII:4.⁽¹⁴⁹⁾

§ 6. Word-medial vowels

a) *Yod = i*

A *Yod* is often written in the middle of a word to indicate what is presumably *i*. Thus *איהי* 'there is' A5.5:8; *מדינתא* 'province' A6.1:1; *ספינתא* 'boat' A3.9:7; *עבידתהם* 'their work' C1.1:207⁽¹⁵⁰⁾; many *qatti:l* pattern adjectives such as *חכים* 'wise' C1.1:35; *חסין* 'strong' C1.1:89; *יקר* 'precious' C1.1:159; *עוז* 'strong' C1.1:83; *עתיק* 'old' B2.7:6; *עחורא* 'rich' C1.1:206; *צדיק* 'righteous' C1.1:126; *קליל* 'light' C1.1:160; *קריב* 'near' B2.1:9; *רחיק* 'distant' B2.1:9; *רשעין* 'evil' C1.1:104; *שגיא* 'abundant(ly)' C1.1:29; *שליט* 'empowered' B2.1:11; *שפיר* 'beautiful' C1.1:92; passive G - *כתיב* 'was written' B2.1:10; *קטילו* 'were killed' A4.7:17; *שמע* ptc. 'heard' A3.3:13; hollow-root verbs - *מית* 'he died' B2.1:8; *שימון* 'they will put' C1.1:163; *הקימה* 'I reestablished' C2.1 III:1. Unusual is *הן* 'if' D7.56:7 for the standard *הן*.

b) *Waw = u*

A *Waw* is often written in the middle of a word to indicate what is presumably *u*. Thus *אחוכן* 'your brother' A2.5:1; *בחולה* 'virgin' C1.1:134; *כתון* 'tunic' A3.3:9, A3.8:9⁽¹⁵¹⁾; *עבור* 'grain' A3.10:5^{bis}⁽¹⁵²⁾; *מלכותא* 'reign' B2.2:1; *אגורא* 'temple' A4.7:17 et

¹⁴⁹ An orthographic practice, known as digraph, typical of Qumran Hebrew and Aramaic documents: e.g., *הווא* for *הו* 'they were' 1QapGen 19.24 and the ubiquitous *כיא* for *כי*. Once in BA: *עציה* Ezr 6.15. See Qimron 1986: § 100.51.

¹⁵⁰ The word *ימן* 'the right-hand side' is consistently so spelled: B2.11:4,6; B3.6:3. Cf. Arb. *yaman* alongside *yami:n*, Heb. *יָמִין*, and Eth. *yama:n*. as against JA and Syr. *yammin*.

¹⁵¹ Also *כתון* 'your tunic' A3.3:9. This is probably affiliated to JA *כתון* (= *χλωδον*) as distinct from *כתנא* 'linen': cf. Arb. *katta:n*. In Syr. *ketta:na* contrasts with *kuttina*, for the latter of which we find a variant *kytwn* at John 21.7 in the Vetus Syra: see Lewis 1910. This useful orthographic distinction, however, is not observed in *כתן* 'one linen tunic' A3.3:11.

¹⁵² Syr. *ʿvura*; JA *עבור*.

passim (< Akk. *ekurru*)⁽¹⁵³⁾; נבוסמסכן 'Nabusumiskun' C1.1:54 et passim⁽¹⁵⁴⁾; ישבקן 'they will release' A3.1r:6; ימוח 'he will die' B2.6:17.

c) *Waw = o*

In חשך 'darkness' C1.1:173 and ארון 'chest' A2.5:4, however, the Waw most likely indicates *o*.⁽¹⁵⁵⁾

d) *Frequent defective spellings*

Spellings in which vowels are not graphically represented, are by no means rare, even in the same words and forms as quoted above: מדנחא A5.2:7 (for מדינחא); שלט B4.4:16,17 (for שליט); ברחא 'fortress' B3.4:4 (for בירחא); אחכי 'your brother' A2.1:2 (usually אחוכי). This is so even in the same documents: אחחכי 'your wifeness' B3.11:7 (supra-linear correction) // אחחוכי ib.10; יהוישמע Jehoiashma B3.7:2 // יהוישמע ib.8; יהב 'given' G ptc.pass. A6.1:2 // יהיב ib.3; עחק 'old' B2.7:12 // עחיק ib.6; אביגרנא B2.9:14, B2.10:15, B2.11:10, B3.8:31, B6.3:10, אביגרן B3.7:17, B3.9:7, B3.10:20, B3.11:10,14, B3.12:30, B5.5:6,11 // אביגרן B3.6:8,14, B3.13:6, אביגרנא B3.13:7⁽¹⁵⁶⁾; ארדיכל 'architect' B2.8:2 // ארדכל B2.6:2⁽¹⁵⁷⁾; כחיבן 'written' B3.11:7 // כתבן ib.11,15; תקם G impf. 3f.s. of קום // יקום ib.7; names—וידרג Vidranga B2.10:4 // וידרג ib.2; אחחבסתי Aḥatubasti A6.14:1,4 // אחחבסתי A6.13:3,4⁽¹⁵⁸⁾; בגושח B3.4:2 // בגושח B3.5:3⁽¹⁵⁹⁾; גשרן 'beams' B3.4:5 // גשורן B3.10:13, B3.11:2, B3.12:13 (B3.4, B3.10-12 by same scribe); שקא 'street' B2.7:14 // שוקא B2.1:14. Observe a variation in an idiomatic phrase: קריב ורחיק B2.1:8 (471 BCE) // קרב ורחק B2.7:10 (446 BCE), though of two different scribes⁽¹⁶⁰⁾; חחמי 'boundaries of

¹⁵³ For the *k/g* correspondence, see Kaufman (1974:139).

¹⁵⁴ See Kornfeld (1978:61).

¹⁵⁵ See Bauer - Leander (1927:188).

¹⁵⁶ If the scribe of B3.6, Haggai, is the same as that of B3.10, Haggai son of Shemaiah, his spelling is not consistent.

¹⁵⁷ Borrowed from Akk. *arad ekalli* 'palace slave.'

¹⁵⁸ Cf. Driver (1957:76, 79).

¹⁵⁹ According to Grelot (1972:507), the *u* is short.

¹⁶⁰ Whilst Kottsieper (1990:74-7) makes a plausible case for the consistent plene spelling of this pattern of adjectives and its derivatives in the Ahiqar proverbs, rejecting the suggestion by Lindenberger (1983:281) to the contrary, one wonders whether a scribe can ever be thoroughly consistent: note "fehlerfreie Schreibung" (Kottsieper 1990:84). For one of the disputed cases at C1.1:89, Porten - Yardeni read אמוערתחא for Kottsieper's and Lindenberger's אף זעררחא. Another case of possible defective spelling, זעריהם 'their paucity'

B3.4:7 // תחומי B3.10:8, B3.12:9 (same scribe), 'its boundaries' B3.4:17 // תחומיה B3.10:16, B3.12:17+ (same scribe); חטיב 'striped' B3.8:7 // חטב B2.6:7; חצן 'palm-leaf' B2.6:16 // חוצן B2.9:6, B3.8:17; קבילה 'complaint' A6.15:5,11 // קבלה A6.8:3. The last pair may be two synonymous, but distinct lexemes.

e) *Contraction of diphthongs and word-medial Yod or Waw*

Whether a given word-medial Yod or Waw represents *e*, *i* or *o* respectively depends also on one's view regarding the possible contraction of diphthongs *ay* or *aw* respectively; see below § 8. Other than that, these two letters do appear to be used to transliterate *e*, *i* or *o* of foreign names. E.g. חור Hor B1.1:16+; פטוסירי Petosiri B2.11:4+(¹⁶¹); הרמוןקתוס Hermoniketos C3.29:17 (¹⁶²); the name of the 12th Egyptian month Mesore spelled מסורע C3.7Jr2:26+; חלכיא 'the Cilicians' A6.7:11 // חלכיא A6.5:3,4,5.

f) *Alef or He hardly used as word-medial mater lectionis*

Alef or He is hardly ever used as a word-medial vowel letter. Rare exceptions are foreign names: e.g. פליקראחס Polykrates C3.29:16(¹⁶³); and possibly יאדניה A4.2:17, which is spelled at ib.1 without א.⁽¹⁶⁴⁾ The unique לאם B6.3:8, if genuine, for the usual למ marking direct speech, would be a more archaic spelling, if the particle go back to לאמר.

g) *Yod or Waw = historically long i or u*

If one leaves out names and foreign words(¹⁶⁵), a Yod or Waw, where it represents *i* or *u* respectively, seems to be used where one expects a historically long *i* or *u*, e.g., חכים (= /ħakki:m/)

C1.1:90 is derived by Kottsieper (1990:77) from */zuʿaru/, for which he cites Syr. /zʿora:/, which however is not of the pattern *quta:lu*, but of *qutta:lu*. Pace Beyer (1984:414) there is no need whatsoever to see a case of defective spelling in צידן 'Sidon' C3.12:7+; cf. Syr. *sydn*.

¹⁶¹ See Grelot (1972:486).

¹⁶² Kornfeld (1978:117).

¹⁶³ Kornfeld (1978:118).

¹⁶⁴ According to Grelot (1972:390, 498), the spelling with Alef reveals the etymology of the name: "Que Yah ouisse !" The form with Dalet, identical with יאדניה (Jer 35.3; Ez 11.1), is said to be Aramaizing. See n. 6 above.

¹⁶⁵ אגור 'temple,' for instance, is considered to be an Akkadian loan-word, *ekurru* with a short *u*: see Kaufman (1974:48). The first vowel of the Greek form for 'Cilician,' Κίλιξ, is considered to be short. The phenomenon is attested already in the Tel Fekheriyeh inscription: נגל (line 2) = Akk. *gugalu* 'water-master.' We are not convinced by Andersen - Freedman (1992:137-70, esp. 143, 145, 168f.) that the inscription uses <w> for long /u/ and/or short /u/ under stress. Cf. תפסא 'police' A4.5:9, which is spelled תפסא at Dn 3.2,3.

'wise' C1.1:35 and קום 'Stand!' D7.24:5. For this reason, the defective spelling of the m.pl. abs. morpheme /-i:n/, which is the rule, is most striking¹⁶⁶: e.g. כון 'windows' B3.5:8 // כוין (an exceptional spelling) B2.10:6. Compare also משחין 'anointing' A4.7:20 with the improved spelling משחן A4.8:20; אמרין 'saying' A4.7:22 // אמרן A4.8:22; כנכרין 'talents' A4.7:28 // כנכרן A4.8:27. For further rare exceptions to this rule¹⁶⁷, see below § 18 *b*. On the other hand, the plene spelling of a partly restored word צבית C1.1:3 in an expression עזקה צבית 'seal-bearer' is puzzlesome, since the first constituent is generally assumed to be derived from Akk. *ša:bitu* with a short *i*.¹⁶⁸ See also the unusual spelling הן 'if' D7.56:6 for the standard הן.

h) Consonantal Yod or Waw

Needless to say, not every word-medial Waw or Yod is a vowel letter. Apart from cases of preserved diphthongs, /aw/ or /ay/, such as יומא 'the day' and ביתא 'the house' (see above § 6 *e*), our decision in this matter is often informed by our knowledge of forms of lexemes and grammar of later dialects with traditions of vocalisation or pronunciation. To give several examples and categories, no vowel letter is likely in: גויא 'inner' C3.19r:1 (= /gawwa:y/?); מין 'water' C1.1:161 (= /mayyi:n/?); כון 'windows' B3.10:13 (= /kawwi:n/?); כות 'thus' A2.3:7 (= /kwa:t/?); שפת 'the lips of' C1.1:151 (= /šipwa:t/?); צימין 'fasting' A4.7:20 (a masculine plural G participle of a hollow root, צומ: /ša:ymin/?); חיבת 'they obligated me' B8.6:10 (a D perfect of a hollow root, חיב: /haybu:ni/?).

§ 7. Vowel length

Notwithstanding what we have stated just above (§ 6 *g*) it is not likely that vowel length was phonemic in the case of /i/ and /u/. Though there were most likely stable *i*'s and *u*'s which were not subject to the vowel deletion rule as in כתובין 'written,' Peal passive participle, masculine plural (B3.5:12) and ימותון 'they will die' C1.1:110, we cannot think of any minimal pair where the length of either vowel would have led to semantic opposition of two forms which would otherwise be identical. But as for /a/, such a

¹⁶⁶ This orthographic feature is shared by OA, but not by Fekheriyan, which has אלוין as well as אלוך, on which see Muraoka (1983-84:84-87) and Andersen - Freedman (1992:153). See below § 18 *b*.

¹⁶⁷ Pace Lindenberger (1983:281), חסין C1.1:89 is no exception to this rule: the word means 'strong': see also Kottsieper (1990:74).

¹⁶⁸ Kaufman (1974:96) is sceptical about the suggested Akkadian etymology.

phonemic opposition may be assumed: thus /malkat/ 'the queen of' vs. /malka:t/ 'the queens of.' None the less, we shall here follow the widespread convention of transliterating historically long *i* and *u* as /i:/ and /u:/ respectively.

The length of word-final vowels, especially those of inflectional morphemes, is also uncertain. Their occasional plene spelling does not by itself indicate long vowels: e.g. אנחנו 'we' vs. אנחן; הו 'he'; הי 'she'; כה - vs. ך 'your'; והי 'his'; כתבתי 'you (f.sg.) wrote.'

§ 8. Contraction of diphthongs

a) Diphthong /ay/

The diphthong /ay/ is likely to have been contracted or monophthongised to /e:/ or the like¹⁶⁹ as is shown by such unorthodox spellings as בניהם for בניהם B2.7:14, B2.10:7, B3.5:10,11 'between them'⁽¹⁷⁰⁾; שקפני רגלי 'they beat me on the legs' B8.4:5⁽¹⁷¹⁾ as against עיני 'eyes' C1.1:157 and ידין 'hands' B2.6:8; אדן 'then' B3.6:1 as against the usual ארין B2.8:4+; ין 'wine' (*not* st.cst.) C3.1:2,3,4,5. This feature is most prominent in the Hermopolis papyri: e.g. בנת בנת 'Temple of Banit' A2.2:12 // בנת בנת ib.1; בבתי 'in his house' A2.2:15; בביתי 'in my house' A2.3:12 (with the middle Yod written above the line by the same scribe); יהו 'let them bring' A2.5:4 // חהיתן 'you will bring' ib.5, both A of אחה; אחה 'to bring' A2.4:11 // למיתח ib., both A inf. of same verb, at A2.4:11; אחה (= אחה) 'I shall bring' A2.1:10; הוח 'I was' A2.5:8 (§ 37 b) as against הוח A3.5:4. Cf. also זניהם 'their weapons'⁽¹⁷²⁾ A4.8:8 (407 BCE) // זינא 'the weapon' D7.57:9; בתנא 'our house' C3.28:53 // ביתנא ib.48 (3rd cent. BCE); אנפכם 'your face' A5.1:4 (436/35 BCE) // אפיכן A2.5:2. Some nouns, including diminutive *qutayl* nouns, however, are regularly spelled with a Yod: עלים 'lad' A4.3:8+; עלימחה 'his lass' C7.9:6; היכל 'palace' C1.1:9; possibly זעיר 'small' C1.1:145, D7.5:3; the numeral

¹⁶⁹ Cf. Folmer 1995: 173-78.

¹⁷⁰ The last two examples, from a Kraeling papyrus (no. 4), were unknown to Leander (1928:16 g), who put down the other two to scribal errors, though holding it possible ("wohl eher") that the process of contraction had already begun.

¹⁷¹ Something seems to be amiss with the text: parallel to the immediately preceding 6 בכפרגל 10 כחשתי בכפיד 10 'they struck me on the palm of the hand 10 (times and) on the sole of the foot 6 (times),' one misses a preposition with רגלי.

¹⁷² Rather than 'their kinds, types' ?

'two' חרין A6.2:18+, 'water' מין B6.4:4+; 'Egypt' מצרין A4.5:7; 'heaven' שמים A6.9:2+. All these are admittedly cases of word-medial diphthong.⁽¹⁷³⁾ However, note 'a horse' סוסה </susay/ (?) A6.12:2⁽¹⁷⁴⁾, C1.1:38.⁽¹⁷⁵⁾

There is no knowing with certainty how the m.pl./du. cst. ending may have sounded.⁽¹⁷⁶⁾ However it is always spelled with a Yod as in עלימי 'lads of' C3.27:30; בני 'sons of' B2.9:2+; יומי 'days of' A4.7:13; ידי 'hands of' C1.1:170. The same applies to a m.pl./du. noun with a possessive suffix for 'my' as in אחי 'my brothers' A3.10:1; בני 'my sons' B2.10:9+; ידי 'my hands' C1.1:155(?).⁽¹⁷⁷⁾ Significant is אנפכם 'your face' A5.1:4 (436/35 BCE), which was evidently pronounced /-pe:/. Note also אנפא 'our presence' C3.28:1,91 = אנפא (?)⁽¹⁷⁸⁾. This document, however, is of a relatively late date, 3rd c. BCE: see also בתנא 'our house' mentioned in the preceding paragraph. More important, however, is the spelling pattern of the pl. tantum חין 'life.' The st.abs., which we may postulate as /hayyi:n/, is always spelled with a single Yod (A2.4:5, A2.7:1, A4.7:3, D7.21:2), but the cst. with a double Yod, (ספרא ונה) חיי 'the life of (this document)' B4.7:5, as well as forms with conjunctive pronouns such as חיי 'my life' B2.3:8 and חייך 'your life' B3.6:12. The cst. חיי could, in theory, have been spelled חי, if the diphthong had contracted (/hayye:/), although one could explain the actual spelling as a result of scribal inertia, namely it was felt appropriate to add a second Yod as a mere graphic representation of the m.pl.cst. mor-

¹⁷³ The last three, particularly מין and שמים, might have to be viewed separately, if they ended with /-ayin/ rather than with /-ayn/.

¹⁷⁴ See Driver (1957:73).

¹⁷⁵ So *pace* Leander (1928:97 h "sein Pferd," i.e. <סוס>). Note ססה Deir Alla II 15.

Also *pace* Leander (1928:15 c) one reads now מנן 'number, sum' at B4.5:3, which therefore does not contrast with מנן 'minas' A6.2:17. The only sure case of contraction of stressed, word-medial /ay/ that Leander (1928:15 c) was able to cite was הערת H pf. 1sg. of ערי at B2.6:35 // הערית C1.1:50, on which see below, § 37 i.

¹⁷⁶ Cf. § 8 a and Folmer 1995:182-84.

¹⁷⁷ Cf. עבדי 'my deeds' Gn 4.8 (Klein 1986: I, 7) for the standard ending /-ay/. This example is not discussed by Fassberg 1990:115.

¹⁷⁸ Grelot (1972:13, n. o) offers quite a different interpretation: 'à échéance.' (At C3.28:1 the form is prefixed by ב and at ib.91 by ל.)

Pace Segert (1975:173), לבן B3.13:11 does not belong here, because it means 'bricks,' not 'to our son' (Degen 1979:26).

pheme.⁽¹⁷⁹⁾ Note, however, *חד מן רבי אבי* in רבי 'one of the officers of my father' C1.1:33: if it be to be derived from *רבי* √, the final Yod could represent /ye:/.⁽¹⁸⁰⁾

b) Diphthong /aw/

The etymological diphthong /aw/ is mostly spelled plene, i.e. with a Waw⁽¹⁸¹⁾: *במותי* 'on my death' B2.3:3; *מזנא* 'the balance-scale' B2.6:24. The plene spelling is standard even in the Hermopolis papyri, regularly with verb forms of the A or H binyan of *ישר* 'to dispatch': *הושר* A2.5:4 (pf.), *חושר* (impf. 3f.sg.), *מושרחהם* A2.5:7 (inf. plus suf.). The only examples of defective spelling are: *חשרי* A2.3:10 (juss. 2f.sg.); *אחרתן* for *אחרתן* 'you had in abundance' A2.1:5 (A pf. 2mpl); *ימין* 'days' B3.10:17⁽¹⁸²⁾; *ימא זנה* 'this day' D7.24:3,4; *מאנה* for *מאנה* 'its/his vessels' ib.7.

One may conclude that the speed of contraction was greater with /ay/ than with /aw/.⁽¹⁸³⁾

§ 9. Elision of short unstressed vowels

This process may be observed in our consonantal orthography through spelling fluctuations of forms in which one may assume a short vowel to have existed earlier between two identical consonants⁽¹⁸⁴⁾: *דשיהם* 'their doors' A4.7:10 as against *דששיא* ib.11 (pl.st.det.) and *דששן* B3.11:3 (pl. st.abs.); *כרא* 'the pitcher (?)' A4.2:13 // *כרדן* pl. D7.57:7; *בטלה* 'with his protection' C2.1:10,16,26,42 // *בטללה* C2.1 I:2, III:4. The spellings with a single consonant indicate that the original short vowel between

¹⁷⁹ The occasional use of Yod for the standard He in the Lamed-Yod verb ms ptc. may be an analogical extension of the contracted m.pl./du. ending. See below § 37 *i*.

¹⁸⁰ See Kaufman 1977:94.

¹⁸¹ Cf. Folmer 1995: 184-88.

¹⁸² Except Samalian with *ימי* 'in the days of' and 'my days', on which see Tropper (1993:296) and Muraoka (1997:467), no Aramaic dialect attests to an alternative lexeme as in Hebrew *יָמִים*. In view of *ימא זנה* mentioned next, the complementary distribution in Hebrew —/yo:m/ sg. and /ya:m/ pl.—does not apply here. See also Folmer 1995: 212f. *pace* Beyer 1984: 596.

¹⁸³ We have an example of the contraction of /ay/ already in the 9th century BCE (Tel Fekheriyeh bilingual, *בת הדד* 'the house of Hadad,' line 17): see Muraoka 1983-84:87f. Within his overview of the diachronic phonetics of Aramaic, Beyer's position on the contraction of the diphthongs is conservative in the extreme: the earliest possible terminus post quem is the second century BCE (1984:118).

¹⁸⁴ See Kaufman 1983 and Muraoka 1997a: 206f.

the two identical consonants had begun to be elided.

In the following cases, where no abbreviated spelling is attested, it is difficult to say whether the process of elision had already set in or not: לבבי 'my heart' A3.3:2; לבבהם 'their heart' C1.1:98⁽¹⁸⁵⁾, לבבא 'the heart' C1.1:88,137; שקקן 'sack-cloths' A4.7:15,20; עממא 'the people' C1.1:98,189. In the light of לבבי 'my heart' and לבבהם 'their heart' (sg.) there is no need to take עממא here as late עממא, pl.st.det. as in עממא Dn 3.7 et passim.⁽¹⁸⁶⁾ בטללה/בטלה also shows that the phenomenon is not confined to plural nouns, unless one should postulate two distinct variants, say טל- and טלל-/⁽¹⁸⁷⁾טלל-טלל-. Whereas Beyer (1984:128-36) has collected a considerable amount of data showing that short, unstressed, open-syllabic vowels were still maintained in various Aramaic dialects until the first half of the third century CE, the process of elision had manifestly begun in our period⁽¹⁸⁸⁾, at least where such a vowel occurred between two identical consonants.⁽¹⁸⁹⁾ A spelling such as מרי 'my lord' D7.21:1 (< *מרי*)

¹⁸⁵ In the light of this, one should perhaps prefer בלבה to בידה, two alternative restorations suggested by Porten - Yardeni at C1.2:23: the word, לבב, with or without an inflectional ending or a conjunctive pronoun, occurs some 33 times in our corpus, but no instance of לב is to be found.

¹⁸⁶ See Muraoka 1997b:206f.

Kottsieper (1990:118-20), postulating a separate lexeme *עמם "Weltbevölkerung, Gesamtheit der Menschen, Menschheit," arrives at the same conclusion against the majority view as represented by, e.g. Kaufman (1974:127f.) and Segert (1975:185). The often-quoted two cases from the 3rd c. Uruk inscription—mid 2nd c. according to van Dijk apud Beyer 1984:45, private communication from Prof. E.E. Knudsen—in the cuneiform script, *ra-ba-ra-bi-e* and *ga-ab-ri-e*, let us note, present a morphophonemic environment different from that in view here. In OA, Sefire, for example, the noun לבב is spelled with a double Bet, whereas the noun עם is spelled with a single Mem: עמא, עמחם, עמח. BA attests to לבי (Dn 7.28) as well as לבבה or the like, which latter occurs more frequently. To suggest a synonym עממא 'gentile nation' might be too clever, for are the proverbs of Jewish origin?

Wesselius (1984:444) proposes to see a pl.det. ending /e:/ in חרא 'the nobles' C2.1:48 instead of taking it as sg. but used as collective noun. We do have a pl. form in חרי יהודיא 'the nobles of the Jews' A4.7:18, but unlike all the geminate root nouns mentioned above this one never appears spelled with a double Resh.

¹⁸⁷ The second is the form attested in Syriac, meaning 'shade,' and cf. JA טלל and Eth. /ʃela:lo:t/. Cf. also Beyer 1984:590, s.v. טלל.

¹⁸⁸ See also Kaufman 1983: esp. 89f., 94f., who speaks of gradual reduction.

¹⁸⁹ Kutscher's attempt (1972:139), endorsed by Qimron (1993:25), to seek

presupposes an elision of *i*: /*ma:rîpi:/. What vowel has possibly been elided cannot be determined or generalised.⁽¹⁹⁰⁾

Kutscher (1972:51) is right in seeing a spelling such as שנה instead of the earlier שנת 'year' in Samalian as an indication that the short vocalic case endings in the singular had already ceased to exist, for the change from the latter to the former is only possible after the loss of such vowels. This, however, does not necessarily mean that *all* word-final short vowels had been lost. See below: § 11 *b, d, f*, 12 *e, g, h*; 24 *b*.

§ 10. Sandhi

Assimilation which may take place across a word boundary has been noted above: § 3 *b*. The phenomenon of clisis mediated by clitics, whether proclitics or enclitics, may also be subsumed under this heading. Two contiguous words which form a close grammatical or logical whole may show a degree of phonetic cohesion, given graphic expression by being run together. However, in actual manuscripts, it is not always clear whether two successive words were intentionally spelled together or not. ⁽¹⁹¹⁾

a) First word = preposition

The first word may be a preposition: עליונה 'about this' A6.2:6⁽¹⁹²⁾, A6.15:8⁽¹⁹³⁾; עדונה (ד supralinear) 'until this (day)' A4.7:20; עלדבר 'on account of' A4.3:3, B2.2:6, B2.11:8, B8.4:7; עלדבר 'on account of' B7.1:3, D7.33:2; עלדברה 'on account of it' B2.2:5; עלדברהם 'on account of them' B5.6:6; אלידן 'to our hand' B4.4:13; מעל 'above' B3.4:18, B3.13:5, 7, 8, 9, 10, 11; מעלא B2.10:6; מיומא זנה 'from this day' B3.8:4; מכן 'on account of that' B2.9:7.⁽¹⁹⁴⁾

evidence for such a vowel syncope in מריהם 'their owners' A4.4:8 cannot be sustained in view of מריה 'her [=its] owner' A3.10:2; see above § 3 *o*.

¹⁹⁰ See Nöldeke 1913:11 and Lindenberger 1983:68f. Segert (1975:115) is inclined to view these double consonants as indication of gemination. One wishes to know, however, why the feature is confined to ע"ע roots, and one never meets with an example such as קבבל* 'he received.'

¹⁹¹ Are זי and לן at C2.1 III:1,4 written as two separate words? How about זילן at C2.1 I:3? Note also זילא 'which are not' C3.7Kr 2:13. In מנכתא (= מן כרת) 'from the aftergrowth' C3.28:80 the Nun appears to be different from its typical final form in the document.

¹⁹² So transcribed by Cowley 1923:89.

¹⁹³ Commented on by Driver 1957:83.

¹⁹⁴ Though both Nuns are identical and typical of the word-final shape.

Note also an Aramaism ענפשה 'for himself' (= על נפשה) in a Heb. document from Naḥal Ḥever (134 C.E.): see Nebe 1997:153.

b) Second word = preposition

The second word may be a preposition, ל in particular, with a conjunctive pronoun attached to it: כתבלי 'he wrote to me' B2.3:23; כתבתלה 'I wrote for her' B2.4:4; ימאחלה 'I swore to him' B2.3:24; יהבחהלכי ... יהבלי 'he gave (it) to me ... I gave it to you' ib.25. The ubiquitous, disjunctive possessive pronouns זילך, זילי etc. must have had their origin here.⁽¹⁹⁵⁾

c) Frequent in construct phrases

This phenomenon is rather frequent in construct phrases⁽¹⁹⁶⁾: רב בחיל 'troop commander' A4.7:7; רב חילא B5.1:3 // רב חילא B2.10:2+; רבדגלא 'the head of the detachment' B8.5:11; ברביחא 'the prince' A6.7:10; כפיד 'palm of hand' B8.4:5, B8.6:10; כפרגל 'sole of foot' B8.4:5, B8.6:10.

d) First word = negator

The first word may be a negative: לער 'not yet' B3.13:8; לאיחו 'they should not come' D23.1 Va:10; לאיחי 'there is not' D7.29:4, B3.8:29 // לא איחי ib.34; לא אשכב = לאשכב 'I shall not lie' D23.1 II:10.⁽¹⁹⁷⁾ The last three are also cases of apocope and/or haplography.⁽¹⁹⁸⁾ לאתהותבנה (= לא תהיתבנה) 'you shall not restore her' D23.1 II:15 represents a mixture of the two types.

e) Second word = enclitic pronoun

The second word may be an enclitic pronoun: שנאהי 'it is hatred' B3.8:40 (= שנאה הי ib.34).⁽¹⁹⁹⁾ See also מהי A2.5:7 = מה. Can the difficult מלו A2.3:7⁽²⁰⁰⁾ be decomposed into מה + לא + הו 'what is not?' > 'whatever'?⁽²⁰¹⁾

¹⁹⁵ See § 13.

¹⁹⁶ Cf. § 48 b.

¹⁹⁷ If correctly restored, [ל] of חרא D23.1 II:10 may be of the same kind: colloquially put, "No way! That bloke, Hora!" In any event, the demonstrative must be attributive, for otherwise חרא would have no syntactic slot to fit in. Cf. § 14 a.

¹⁹⁸ The proclitic spelling of this negative particle is quite common in OA, e.g. Sefire I A 28 ליחוחה 'it will not be seen' and Deir Alla II 9 ליחמלך 'he will not consult,' indicating that the final Alef had lost its consonantal value.

¹⁹⁹ This is a much simpler solution than Kraeling's: "a part.[= participle] with object suff." (Kraeling 1969:220). See § 3 n.

²⁰⁰ Grelot (1972:151) and Gibson (1975:129) insist on reading הלו 'behold.'

²⁰¹ The Akkadian etymology /mala/ 'whatever' suggested by Porten - Greenfield (1968:222) leaves the final Waw unaccounted for. Possibly also in Deir Alla with מה: see Hoftijzer 1976:285. For an alternative interpretation, see Zuckerman (1993:5f. with n. 14 and 15).

f) *Sandhi and asyndeton*

There is one case of asyndesis: החבֵּהב literally 'Restore, give!' A6.15:7⁽²⁰²⁾ // spelled separately at ib.10.

g) *Sandhi assimilation*

Kottsieper (1990:41f.) is probably right in seeing a case of sandhi assimilation in קשחה דרך 'drew his bow' C1.1:190 in contrast to דרגח קשחך C1.1:128, namely voiced /g/ > unvoiced /k/ under the influence of /q/.⁽²⁰³⁾

²⁰² Driver translates simply "Restore!": see his commentary (1957:83).

²⁰³ It has also been suggested to restore נגח from גדרח*. See Lindenberger (1983:118).

PART TWO

MORPHOLOGY

SECTION A

THE NOUN, ADJECTIVE, AND PARTICLES

§ 11. Disjunctive personal⁽²⁰⁴⁾ pronouns.

	Singular	Plural
1	אֲנִי	אֲנַחְנָה; אֲנַחְנָן
2m.	אַתָּה	אַתְּכֶם
f.	אַתָּה; אַתְּךָ	?
3m.	הוּא ⁽²⁰⁵⁾	הֵם; הֵמוּ
f.	הִיא	? ⁽²⁰⁶⁾

Examples and discussion:

אֲנִי: A2.1:7; B5.6:9; C1.1:3; D7.17:3+

a) 2ms. אַתָּה: A6.3:7; B2.1:11; C1.1:34+. Some authorities, e.g. Beyer (1984:123, 423), Cook (1990:63f.), and Kottsieper (1990:89,93), postulate a defective spelling concealing *a*: (cf. BA Ktiv אֲנַחְנָה^[207]). All these authors note the alternative, plene spelling אֲנַחְנָה for אֲנַחְנָן. They further seem to think that, because both pronouns were penultimately stressed, as is generally

²⁰⁴ It is understood here and in the following that 'personal' needs to be rather broadly understood when applied to the 'third person,' for their referent can be a thing, condition, idea, etc., nothing particularly personal.

²⁰⁵ On the prehistory of the 3s, both m. and f., forms, see an instructive discussion by Kottsieper (1990:89-93). See also above at § 5 j. The forms הוּא and הִיא in BA are presumably influenced by BH.

²⁰⁶ Kottsieper (1990:14,89,93f.) reads הָי at C1.1:207 (his Ko. xvi,1), which is a mere speculative reading. Such a form does occur in the Ashur letter, line 12. Kottsieper does not mention הָי in Deir Alla, on which see Hoftijzer 1976:286.

²⁰⁷ Qimron's speculation (1993:7) that the Ktiv form represents a variety of IA must also be evaluated in the light of the total absence of such a spelling anywhere in our IA (or OA, for that matter) corpus.

assumed, אנה must have ended with the same vowel as that of אנהנה. However, is it right to assume that a given vowel in identical phonetic environments must behave in identical fashion and change at the same speed? The evidence of orthography needs to be accorded more weight: nowhere in our corpus or in earlier Aramaic texts is the pronoun in question spelled אנה. Moreover, whereas the pronoun occurs in our corpus some 50 times, sometimes (A6.2, B2.9, 2.11, 3.12, 4.4, C1.1) alongside אנהנה, it is never written אנה. This general consideration also applies to the problem of interpretation presented by the conjunctive 2ms. pronoun ך: see below § 12 d, g.

That אנה is always spelled with a He, but אנהן is not consistently so spelled may have to do with the difference in the position of stress, as still reflected in later Aramaic dialects: אנה (milra) vs. אנהנה (mil'el).

b) 2fs. אנהי: B2.3:9; D7.26:1 + 17x. At B3.7:13 the Nun has been added later above the line. If the original spelling be genuine, it could be phonetic, i.e. /atti/, the majority spelling—even when it occurs in the same document with אנה (line 8)—being historical.

אנה: B3.7:8; B3.10:14 (// אנהי 13)†. The two documents are by two different hands, separated by a mere 16 years (420 and 404 BCE). As regards the first, B3.7, one must note that the professional standard of the scribe leaves something to be desired, as is evident in a solecism such as אנה יהוישמע ברתי שליט 'you, Jehoishma my daughter, are entitled' B3.7:8. We have also noted above the pronoun אנהי with a hanging Nun added later. We further observe two more cases in the document where a final Yod is wanting: תחומה 'its boundaries' 9 and לך 14 (// the standard לכי 3,16).⁽²⁰⁸⁾ The scribe of the second document, B3.10, which concerns the same matter as that of B3.7, does not show himself to be any better than his colleague, who penned B3.7. Besides four additions he made above the line, note the non-standard שליטא for שליטה five times (13,14bis,15,21). Furthermore, our scribe uses the shorter form of the pronoun for 'your' (f.sg.) once: לך 12 alongside the standard לכי 2,3bis,22. Note also זילך 11 and דילך 14.⁽²⁰⁹⁾ To sum up, whilst it is rather unlikely that the shorter form was *the* form applicable to the whole of our corpus, it occurs fairly widely when considered together with other f.sg. morphemes such as a conjunctive pronoun (§ 12 e),

²⁰⁸ Cf. Szubin - Porten 1988: 36.

²⁰⁹ Cf. Porten - Szubin 1987: 183.

and probably is a harbinger of what would later become the standard as a consequence of the apocope of unstressed, word-final vowels.

c) *3fs.* **היא** D23.1 XIII:4, a most remarkable spelling, if genuine. The Alef, however, is most likely otiose as in **נכוא** (// **נכו**) 'Necho' in this document: see § 5 *k* above. Neither this form nor the masculine form is ever spelled with a final Alef, which latter is the rule in OA and BA.

d) *1pl.* **אנחנוה** vs. **אנחנו**. **אנחנוה**: A4.5:10, B2.11:9,11; C1.1:169; D1.32:11+; **אנחנו**: A2.6:9; B3.4:21; D23.1 XI:8+.⁽²¹⁰⁾ The distribution of these two⁽²¹¹⁾ forms is something of a problem. In terms of frequency, the difference is significant: **אנחנוה** 38 x, **אנחנו** 17 x. Both forms occur in some of the earliest documents of our corpus: **אנחנוה** B4.4:9,11,15 (483 BCE) and **אנחנו** B5.1:2 (495 BCE), and **אנחנו** twice in the Hermopolis papyri (A2.1:8, A2.6:9). Unlike **אנח** vs. **אנחי**, one and the same scribe does not mix both the forms except Haggai b. Shemaiah (**אנחנוה** B3.12:12 vs. **אנחנו** B3.4:3+).

Historically speaking, there is no reason to suppose secondary addition of a vowel at the end of the form, so that the long form must be presumed to be the earlier. Later Aramaic dialects support such a supposition.⁽²¹²⁾ Hence, the defectively spelled **אנחנו** was likely pronounced with *-na*. See a discussion above (§ [b]) on **אנחי**. The plene spelling was probably triggered, at least partly, by the singular **אנה**, which is always spelled plene.

e) *2mpl.* **אנחם**: A4.1:3+. No form with */-n/* is attested.^(212a)

f) *3mpl.* **המו**: B2.4:7, A3.1:15+ (40 x in all); **הם**: B6.4:8. The shorter form, hapax, is, as a matter of fact, used as a direct object, conjunctive and disjunctive once each: details in § 38 *f*, 5.⁽²¹³⁾ The longer form, **המו**, is the normal form when used as direct object and appears, as such, always detached from the

²¹⁰ The second, graphically short form is attested in six documents (A2.1, A2.6, B3.4, B3.6, B5.1, D23.1), and thus can no longer be dismissed as "in éiném Dokument auftretende Nebenform ... lediglich eine orthographische Abweichung" (Leander 1928:26). Cf. also Folmer 1995:152-54.

²¹¹ **אנחנוה** given by Segert (1975:166) and said to occur at B5.1:2 (= Cowley 1.2) and B3.6:11 (=Kraeling 5.11) is a ghost form.

²¹² See Nöldeke (1875:87), Barth (1913:5f.), Müller-Kessler (1991:67), and Fassberg (1990:113). *Panhína*, which Kottsieper (1988:236f.) wants to identify at Pap. Amherst 63:5/2, is unlikely.

^{212a} The reading **אנחנו** at D23.1 XI:8 considered by Koopmans (1962: II, 88) is now read **אנחנו**.

²¹³ The context is broken in **הם קרבן עבדן כמרן** D23.1 XI:9.

verb.

For the morphosyntax of the disjunctive pronouns, see § 39.

§ 12. Conjunctive personal pronouns

	Singular	Plural
1	י-	נא-, נ-
2m.	ך-	כון-, כן-, כם-
f.	כי-, ך-	כן-(²¹⁴)
3m.	הי-, ה-	הון-, הן-, הום-, הם-
f.	הה-, הה-, ה-	?(²¹⁵)

GENERAL REMARKS

a) The above forms are used whenever a pronominal element is made dependent on a noun, a preposition, or a verb, and not used on its own. Only in the case of the first person singular is a separate form ני- used as an object of a verb directly attached to the latter: e.g. רחמי 'he loved me' C1.1:51, not רחמי.

These pronouns are presumably attached to the construct form in the same way for the sg., du., pl., ms., and fem.⁽²¹⁶⁾ nouns⁽²¹⁷⁾: e.g. אלהיך 'your god,' אלהיך 'your gods' (pl.)⁽²¹⁸⁾, ירך 'your hand,' יריך 'your hands' (du.), ברחך 'your daughter,' ברתך 'your daughters.' At graphic level, namely when vowels are left

²¹⁴ Hug (1993:58) lists כם alongside כן, without giving, however, any example for the former.

²¹⁵ Segert (1975:174) mentions בניהן 'between them' in אנורא זי ידו ושוק מלכא 'the temple of YHW and King's Street between them' B3.12:19 as the sole example of the morpheme in question. However, 'them' refers to בית 'house' and אנור 'temple,' neither of which is known to be a feminine noun in Aramaic.

Although the reading להן is secure at C1.1:211, there is no certainty that in this poorly preserved line this is the preposition ל followed by what Kottsieper (1990:95) wishes to take as the 3fpl. conjunctive pronoun.

²¹⁶ Feminine in form, and not necessarily in gender. We are referring to nouns such as f. ארק 'earth,' f. though lacking a typically feminine suffix, מלן 'words' ending in /-in/ a typically masculine pl. ending, m. שמן 'names,' ending in /-am/, a typically fem. pl. morpheme.

²¹⁷ Here we may include prepositions as well: e.g. לה 'to him,' עלהי 'on him.'

²¹⁸ One does not know whether already in this period there existed a contrast similar to /-a:k/ vs. /-ayk/ as in later Aramaic dialects. For the 1 sg. 'my' one can reasonably postulate an opposition between /i/ (sg.) and /-ay/ (du. and pl.).

out, there is no difference in form among the suffixed pronouns whether singular, plural or dual. The only exception is forms for 'his': אֱלֹהֵהּ 'his god,' but אֱלֹהֵיהּ 'his gods.'⁽²¹⁹⁾ Otherwise, it may be assumed that the same set of suffixal pronouns was added to the noun in its construct form, whether singular or plural.⁽²²⁰⁾ Neutralisation as in Hebrew sg. סוּסֵנוּ 'our horse' vs. pl. סוּסֵינוּ 'our horses'⁽²²¹⁾ is unlikely in our idiom in view of the near-total⁽²²²⁾ absence of erroneous spellings such as *מַלְכֵּן for מַלְכֵּין 'our kings.' Equally unlikely is partial neutralisation as evinced by the Qere of the Tiberian vocalisation of BA אֱלֹהֵיהּ 'her gods' and אֱלֹהֶהּ 'her god.'⁽²²³⁾

b) It is scarcely to be doubted that, as in all Aramaic dialects for which there is a known tradition of vocalisation, there intervened a vowel of one sort or another between the end of the

²¹⁹ On the origin of this striking form, see Dion 1974:154f. and Segert 1975:172. Cf. an attractive, new suggestion by Garr 1985:107: "*-ay-hū > (via regressive assimilation) * -aw-hū > (dissimilation of u-u) [awhū]." His analysis of Samalian בִּימֵיהּ 'in his days' as [biyawmi:h(u/i)] is unlikely in view of עֲלֵיהּ 'against him.' See also Tropper (1993:189) with yet another suggestion—*ayhu: > *-ayhi: > -awhi: (a double dissimilation). Aristar (1987:184f.) would posit the dual nominative (casus rectus) -a:- as the base, thus -a:hu > -a:w > -aw, to which a conjunctive pronoun -hu was subsequently added, producing ultimately -awhi (by dissimilation of -hu to -hi). This would, however, create two quite distinct routes within Aramaic when one takes Samalian into account.

²²⁰ Kottsieper (1990:121) holds that with the f.sg. also the base for suffixation was /t/, and not /at/ "ausweislich der späteren Vokalisierung." But BA */malktē:h/ 'his queen' surely goes back to */malkatē:h/? How would one otherwise account for the spirantised /t/ and the /-at-/ in /malkatho:n/ 'their queen'? And the /a/ of this latter form is hardly a helping vowel.

²²¹ There is no phonetic difference between the two forms: see Joüon - Muraoka (1993:37, n.3).

²²² The only possible exceptions occur in אִפְנָא 'our presence' C3.28:1,91 and אִפְנַח 'your face' A5.1:4, though even here, in theory at least, a distinction was possible: sg. /appána:/ vs. du. /appe:na:/ or the like. Although the Hermopolis papyri attest now to several cases of -פּא with assimilated Nun, the reservation voiced by Leander (1928:31g) is still valid. לבָּנָן B3.13:11, which Segert (1975:173), along with Kraeling (1953:261,264), reads as 'our children,' is best interpreted with Porten - Yardeni (1989:98) and Grelot (1972:253) as the pl. of לבָּנָא 'brick.'

²²³ For a discussion, see Bauer - Leander (1927:77f.). See also Brockelmann (1908:480). Segert (1975:171) speaks of possible influence of Babylonian Aramaic, which, however, does not provide a full explanation of the phenomenon: see Epstein (1960:122f.).

st.cst. base of the noun in the singular and the conjunctive pronoun to be suffixed to it, especially where the latter consisted of a single consonant, which is the case with η , κ , η , η . The precise nature of such vowel must remain conjectural; see, however, on the 2fs. form below.

Examples and discussion:⁽²²⁴⁾

c) 1sg.: לי 'to me' A2.1:4; אבי 'my father' A6.11:2⁽²²⁵⁾; אחי 'my brother' A2.3:8; לבי 'my heart' A2.1:5; אחתי 'my sister' A2.1:1⁽²²⁶⁾; לבי [א] 'anger against me' A3.3:10⁽²²⁷⁾; אחי 'my brothers' A3.10:1; עלי 'upon me' A2.3:7; בני 'my sons' B3.5:20; חיי 'my life' B3.6:4.⁽²²⁸⁾

d) 2ms: לך 'to you' B4.2:10; אביך 'your father' C1.1:15; אחיך 'your brother' A3.3:14, D7.30:1⁽²²⁹⁾ // אחך A2.4:5⁽²³⁰⁾ and אחיך (!) D7.57:2; עבדך 'your servant' A2.4:1; ברתך 'your daughter' B2.6:5;

²²⁴ Most of the following examples will be those attached to nouns and prepositions.

²²⁵ Whether the former was mil'el as in BA in the Tiberian tradition, אָבִי Dn 5.13, is impossible to say. On this BA form, see Bauer - Leander (1927:77).

²²⁶ In view of אחה, and not אחת, as in אח ואחיה 'a brother and a sister' B2.10:11 et passim, the ח in אחיך presumably did not carry a long *a*:. Hence, אחתי 'my sister' A2.1:1+ must be read /ahti/ and אחתי 'my sisters' A2.5.1 as /aħati/ or something like that. Likewise, the sg.cst. אחת /aħat/, and not /aħat:/ as Hug (1993:70) postulates.

²²⁷ So must the form be emended in the light of the idiom attested in A4.2:11; A3.5:4. See also Ashur letter 19: הלבתי מלא אנה 'Are you filled with anger against me?' This is an Akkadian idiom as in *ma:diš li-ib-ba-ti-ya ma-li* 'he was very angry with me': CAD, L, p. 164a. So has the text been emended also by Gibson (1975:144). The point had already been noted by the editor of the text, Bresciani (1960:21). The possibility of defective spelling is highly unlikely, since the 1sg. conj. pron. is never so spelled.

²²⁸ The form חייך 'your life' B3.6:12,13 shows that חיי contains the pl.cst. form of the noun. ידי in ידי הוה כספה 'an amount (?) of money that was in my hand (hands?)' A2.2:4 is ambiguous. But ידי הוה כספה 'the silver that was in his hand' A2.6:6 clinches the matter in favour of the sg., though not יתו ביד חרוץ 'let them bring through H.' A2.5:5 nor כני תמטה ידיך 'as much as you can' A2.6:5, as Hug (1993:56, n.) thinks, for these latter cases involve a different paradigmatic environment. We fail to see why ידי in ידי כני משה 'as much as I can' A2.4:4 should be considered ambiguous in this regard.

²²⁹ This last instance is wrongly given by Hug (1993:57) as אחך, though not in his transcription of the text (1993:30).

²³⁰ Cf. אחיך 'your (fs) brother' A2.1:2, also a Hermopolis papyrus. This non-standard form without a Waw (for אחיך) occurs also with the 3mpl. pronoun. See below § k.

חייך 'your daughters' B3.12:26; עבדיך 'your servants' A6.1:1; חייך 'your life' B3.6:12.⁽²³¹⁾

The unique, short form אַחך is typical of the Hermopolis papyri.⁽²³²⁾ Also attested is אחכי A2.1:2, A2.2:1, A2.3:1. However, the standard form also occurs: אחוכי A2.7:1,5; אחוכן A2.5:1.⁽²³³⁾

e) 2fs: כִּי- vs. ךְּ-. לְךָ 'to you' A2.2:7; לְךָ A3.4:2, B2.7:9⁽²³⁴⁾, 12,16, B3.6:8, B3.7:14, B3.10:12, B3.11:7,9; בְּךָ 'in you' B3.6:6 // בְּךָ ib.; זִילְכִּי 'your' B2.3:12 // זִילְכִּי ib.19; זִילְךָ B3.10:11, B3.11:4; מִנְךָ 'from you' B3.11:10; בְּרִיךָ 'your son' A3.4:1; בְּרַחְכִּי 'your daughter' B3.6:4 // בְּרַחְךָ ib.7; עֲלֶיכִי 'on you' B3.11:15 // עֲלֶיךָ ib.12; בְּנֵיכִי 'your sons' B2.7:7 // נְכֹסֶיךָ 'your possessions' ib.6; אִפִּיכִי 'your face' A2.2:2, A2.6:2 // אִפִּיךָ A2.1:2, which in turn // אחכי ib., and אִפִּיךָ A2.3:2 // בְּרַחְכִּי 'I have blessed you.'

The anomalous short morpheme spelled only with כ is decidedly in the minority. It is, however, frequent enough to speak for its genuineness.⁽²³⁵⁾ One may hypothesise that the shorter spelling indicates blurring, if not total loss, of the original final *i*: see above at § 5 *b*. It is further possible that such a shortening of the vowel resulted from the change of pitch accent to stress accent. Such a reconstruction would confirm the antiquity of the traditional position of the stress, namely penultimate.⁽²³⁶⁾ Cf. § 11 *b*.

The short forms are confined to a small number of documents, and they are used side by side with the corresponding, standard forms with Yod, as is apparent from some examples quoted above. Furthermore, the fluctuation between אָבוּהִי and אָבוּה 'his father' (see below at § *f*) in a document which also attests to a fluctuation between ךְּ- and כִּי- suggests that the phenomenon is phonetic, and not one of grammatical incongruence or careless syntax.

On the striking form, זִילְכִּי 'yours,' see § 13 below. If genuine,

²³¹ On the question whether ךְּ could be a defective spelling for *ka*:, see below, § *g*.

²³² Once also in אָבוּהִי 'their father' D1.17:12.

²³³ No relevant example of אָב occurs in the Hermopolis papyri.

²³⁴ Or should one possibly restore [לְכִי]?

²³⁵ Thus Cowley's restoration at his 13.12 (= B2.7:12) [לְכִי] is misleading and to be rejected: see Porten - Yardeni (1989:35).

²³⁶ Folmer (1995: 167), who cites יָהֲבַחְתָּי 'you (f.sg.) gave it' B5.5:7 as evidence for the length of the vocalic suffix of the verb, has not taken the position of the stress into account: in this particular form the verb suffix was likely stressed.

the form points to an *i*-type vowel after ל, and also indicates that the form was stressed on the penultimate syllable.

f) 3ms: ה- vs. הי- לה 'to him' A2.3:4; ברה 'his son' A6.14:5; אבוי 'his father' B3.6:11 // אבוה ib.12; אחוי 'his brother' B2.10:21 // אחוה ib.3; ברתה 'his daughter' C3.9:18; כוחה 'his colleagues' A6.1:1; עלוי 'about it' A3.10:7 // עלוה D7.15:12; בנוי 'his sons' A2.4:3; רגלוי 'his feet' A4.7:16; אנרוה 'its walls' B3.4:4; תחומה 'its boundaries' B3.7:9 // the standard תחומי B2.3:5+; משחחה 'its measurements' B2.3:4.⁽²³⁷⁾ A possible case of contraction of the diphthong /aw/ is מאנהי 'its/his vessels' D7.24:7: see § 6 e.

The longer morpheme, הי, occurs where the stem of the noun ends in an originally long vowel or diphthong *aw*: e.g., אבוה (= /abu:hi/), בנוי (= /banawhi/). The short spelling of this morpheme such as אבוה⁽²³⁸⁾ may be explained in the same way as that for the 2fs: see above under § e.⁽²³⁹⁾

g) 3fs: ה- vs. -הה or -הא לה 'to her' A2.1:5; ידה 'her hand' B2.6:6; אבוה 'her father' B2.10:7, B3.8:28, C1.1:55; אחוה 'her brother' D7.57:4; ברתה 'his daughter' B2.3:3; אחתה 'her sister' A2.7:4; בניה 'her children' A2.7:3; נכסיה 'her possessions' B2.6:21; עליה 'upon her' D1.17:11.⁽²⁴⁰⁾

²³⁷ The noun is likely pl. in view of the parallel תחומי ib. as well as משחח ביתא זך B3.5:12, and the pronoun masc. in view of זך B2.4:4.

²³⁸ Forms analogous to אנרוה are known to OA, Fekheriyan, and the Deir Alla dialect: e.g., קדמה 'before him' Nerab 2.2 (7th c.); אחוה 'his brothers' Sefire III 17: see Degen (1969:57f.) and Muraoka (1983-84:94). Samalian is unique in proffering a form such as יומיה 'his days' (casus rectus): see Dion (1974:151-55) and Tropper (1993:189). Dion's view that the element -ay- has been preserved in Eastern Aramaic dialects (1974:154f.) clashes with the picture presented by Fekheriyan with -וה-.

Pace Garr (1985:107) we prefer Hug's (1993:70) analysis of Tel Halaf ostracon 4.3 רביה as 'its interest, interest on it,' and not 'his elders.'

Pace Hoftijzer (1976:286) אלוה in Deir Alla I 1 cannot mean 'to her.' Nor כפוי ib. IXa 3 mean 'her hands.'

We would not, as Degen (1979:24) does, dismiss as a mere late innovation a form such as /ya:tibayhi/ in the Uruk incantation text and analogous forms in Palmyrenian (Rosenthal 1936:47). Nor would we follow Degen (1979:26) in dismissing the short morpheme as mere scribal error when it occurs four times (three or four different scribes).

²³⁹ It is probably unwise to build too much on a most striking form, עוכחיה D7.57:7, should it mean 'its seals,' spelled in the manner of late Aramaic dialects, עוכחיה, with a possible dissimilation of /q/ to /k/ (see above § 3 i).

²⁴⁰ The last text, though broken at this point and // אחוה line 10, is to be

The long spelling in *אחורה*, *אחורא*, and *עליהא* attested thrice only⁽²⁴¹⁾ in a Hermopolis papyrus, a Strasbourg ostrakon of the late 3rd cent. BCE, and a text likewise of the 3rd cent. BCE, is most remarkable. It is generally⁽²⁴²⁾ assumed that the original *ha:* of this morpheme had lost its vocalic component already in OA, apparently on the ground of its spelling with a simple ה. The form in our corpus must represent this morpheme. On the other hand, a total innovation cropping up after the elapse of three centuries or so sounds rather unlikely, all the more so in view of exactly the same phenomenon surfacing four or five centuries later in Qumran Aramaic as *הא-הה*.⁽²⁴³⁾ Is it possible that this represents an ancient feature preserved as an undercurrent in living speech cropping up from time to time? Let it be noted, however, that Qumran Aramaic attests also to 2ms. *כה-כא*.⁽²⁴⁴⁾, no trace of which is to be found anywhere in our corpus, even in the Hermopolis papyri, nor in earlier Aramaic documents.⁽²⁴⁵⁾ The widely assumed underlying common shape of the two conjunctive pronouns, *Ca*, anceps or otherwise, might suggest

dated to the third century BCE.

In 1979 Degen could state (1979:26) that *אחורה* is the sole instance of the morpheme in IA, and that in a document of the Hellenistic period. But we have two more now, one of which is of an early date, attested in a Hermopolis papyrus.

²⁴¹ Kutscher's wording (1971:106), "A further trait that does occur in the other papyri ...," is misleading. Gibson (1975:143) dismisses the first as a scribal error. So Hug (1993:57). In fact, many think that the referent of the pronoun, *הריוטא*, is an Egyptian male, hence 'his sister': so Grelot (1972:472). The matter, however, is debatable. Cf. also Folmer 1995:237-41.

²⁴² E.g., Brockelmann (1908:312) and Barth (1913:56). But Bauer - Leander (1927:79) and Leander (1928:31) suggest an anceps form. The short *a* attested in BA in its Tiberian tradition, for instance, is probably a linking vowel in origin, the vowel of the suffix itself having been apocopated.

²⁴³ Spelled *הא*. We pointed this out in our review (Muraoka 1973:171) of Kutscher's study (1971).

²⁴⁴ Discussed in Fassberg (1992:51-54), Qimron (1992:119-23) and Muraoka (1993:40-42).

²⁴⁵ As justly emphasised by Fassberg (1992:52), who is inclined to consider a combination of Qumran Hebrew influence with its ubiquitous *כה* and internal Aramaic pressure, i.e. *a:*, a plausible explanation for the long morpheme in Qumran Aramaic (1992:53). There is, of course, no question of Hebraism in our form in the Hermopolis letter. Qimron is inclined to the view that the feature in QA is genuine Aramaic (1992:121f.).

that the two ought to be viewed together⁽²⁴⁶⁾, though their later reflexes are not uniform⁽²⁴⁷⁾, but these new data which have emerged after the traditional view was formulated seem to call for revision of it.

It is certainly too daring to generalise on the strength of this sole instance that every ה- of the morpheme in question in our corpus is defectively spelled. Statistics must be given some weight: our treatment of אחתהה and אחוהא, assuming of course that they are not scribal errors, must differ from that of ך- for כ- (see above at § *e*) and זילנא for זילן (see below at § *h*).⁽²⁴⁸⁾

We would also note that the feature represented by אחתהה, אחוהא (and זילנא) is the reverse of that represented by ך for כ-: the former is, so to speak, swimming against the stream, whereas the latter is a harbinger of what was to become more or less universal in subsequent phases of Aramaic.⁽²⁴⁹⁾

On the thrice-attested אבה 'her father,' see our discussion above.

h) *lpl.*: ן- vs. נא-. לן 'to us' A6.1:2; מראן 'our lord' A6.10:2; ביתא 'our house' C3.28:48; בחנא ib.53; זילנא 'our' A6.10:2, C3.28:108,112; בנתן 'our daughters' B2.9:10; עלין 'on us' A3.9:7; בינין 'between us' B2.1:13,14; נשין ובינין 'our wives and our children' A4.7:15; אפנא 'our presence' C3.28:1,91; החוין 'he let us see' A4.7:16 // חויןא 'ditto' A4.8:15 (407 BCE).

Here again, as in the case of ה- 'her' discussed above (§ *g*), the long form, though, in contrast with the disjunctive pronoun for "we," far less frequent than the short form, raises the same sort of questions.⁽²⁵⁰⁾ Diachronically, *na:* is the primitive form.

²⁴⁶ So still Qimron (1992:121, n. 9).

²⁴⁷ E.g., BA ה- vs. ך-, but Syr. *a:h* vs. *a:h̄*. (None of the three cases in BA mentioned by Bauer - Leander [1927:73p], the Codex Leningradensis as printed in Biblia Hebraica Stuttgartensia or Adi edition of A. Dothan or the Aleppo codex as edited by Breuer [1977-82] displays qamatz.) For a useful listing of comparative data, see Fassberg (1990:116). Has the Tiberian tradition of BA possibly preserved something genuinely archaic?

²⁴⁸ According to Qimron (1992:121), QA has as many as 38 cases of כ-.

²⁴⁹ Beyer (1984:122-25) not only postulates the general preservation of word-final, unstressed long vowels for IA and earlier, but also holds that their shortening occurred only around 100 BCE. Cook (1990) also maintains that ך in OA and IA is a defective spelling for *ka:*. On the basis of the assumed unstressed, long, word-final *a:* in the papyrus Amherst 63, Kottsieper (1990:88f.) argues equally for the defective spelling of our morpheme. See also above at § 12 *a*.

²⁵⁰ Cf. Folmer 1995:155-58. For the spelling alternation between נ- as a

The long spelling is first attested in the late 5th cent., and is particularly frequent in C3.28, a 3rd cent. document⁽²⁵¹⁾: A4.8 and A6.10 (both late 5th c.), C3.18 (end 5th c.), C3.28 (3rd c.).⁽²⁵²⁾

i) *2mpl.*: כם- vs. כן- or כון-. לכם 'to you' A3.10:2, B2.9:12, D7.29:10; מנכם 'from you' A3.10:8; אבוכם 'your father' B2.9:6; ידכם 'your hand' A3.10:2; לכן 'to you' A2.2:13 (preceded by הם- 'them'), A2.4:12, A3.3:5; פרסכן 'your salary' A3.3:4; שלמכן 'your well-being' A2.2:17 (in a letter addressed to a woman^[253]), A2.4:13; מדינתכם 'your province' A6.9:2; לבתכם 'anger (pl.) against you' A4.2:11; עליכם 'to you' A4.3:9 // עליכון D7.56:14; אחריכם 'after you' B2.4:8; חתיכם 'your chambers' A4.1:8; אחיכם 'your brothers' B2.9:12; אחיכון 'your brother' (sg.!) D7.56:3; בניכם 'your sons' B2.9:14.

Many examples of the morpheme with final Nun are from the Hermopolis papyri.⁽²⁵⁴⁾ Let us further note that these papyri also contain the 3mpl. morpheme with final Nun (see below at § k).⁽²⁵⁵⁾ Both morphemes are perhaps best interpreted as precursors of the corresponding forms in later Aramaic dialects.⁽²⁵⁶⁾

j) *2fpl.*: כן-. אחוכן 'your brother' A2.5:1⁽²⁵⁷⁾; שלמכן 'your well-being' ib.9; אפיכן 'your face(s)' ib.2.

One cannot say with absolute certainty how the masculine

conjunctive pronoun and אחנה (never אחנה), see Folmer 1995:160f. Folmer's explanation applies also to the only case of דה- 'her' in אחודה 'her brother' D7.57:4 (3rd cent. BCE), not discussed by Folmer.

²⁵¹ Not "erst in dem jungen Papyrus C81 [= C3.28]" (Degen 1979:26).

²⁵² BA shows /-ána:/, the last vowel spelled plene with Alef. Bauer - Leander (1927:72,79,81) gives the form as /-ána:/, though noting /-ána:/ as a variant reading (1927:73r). Rosenthal (1961:26) also records אלהנא Dn 3.17, where Biblia Hebraica (ed. Kittel), on which Rosenthal (1961:1f.) states to have based his grammar, reads the form with a patach, though Biblia Hebraica Stuttgartensia does indicate ad loc. a variant reading with a qamatz.

²⁵³ Hug (1993:56f.) includes this, along with A2.4:13 and A2.1:12, among cases of the masculine כן-. Note אל חצפן A2.2:3.

²⁵⁴ Already Baumgartner (1927:106), without the Hermopolis papyri, had indicated the 5th or 6th cent. BCE for the onset of this development.

²⁵⁵ Note an inconsistency in למשרחם 'to dispatch them' A2.2:13 with a Mem, followed by לכן 'to you' (m.pl.).

²⁵⁶ The -n forms do not occur in any text dealt with by Hug (1993:56f.) except in the Hermopolis papyri.

²⁵⁷ Grelot (1972:163) is probably right in interpreting the suffix as fem. pl. and the preceding אחורי as pl. "my sisters."

כן- and the feminine כן- were possibly distinguished. The analogy of later Aramaic dialects suggests a vocalic difference. The presence of הם- and הן- next to each other (A2.2:13; see n. 52 above), both referring to masculine, cautions us against concluding that the idiom of the Hermopolis papyri may have totally neutralised the distinction between the two genders in the 2nd and 3rd persons in favour of the masculine forms.

k) *3mpl.*: הם-, הוּם- vs. הוּן-, הוּן-. להם 'to them' B8.4:7+; בהם 'in them' C2.1:21, C3.7Kr2:4; עמָהֶם 'with them' B8.9:2+; עִמָּהֶן 'with them' D7.56:11; אֲבוֹתָם 'their father' B8.4:14 // אֲבוֹתָן D1.17:12 and תְּרִיבָּהוֹן 'the two of them' ib.11; אִמָּתָם 'their mother' B2.11:13; לָהֶן 'to them' A2.3:8, A4.2:4,14; שְׁלֵמָהֶן 'their well-being' A2.3:3; קִדְמָתָהֶן 'ahead of them' A2.3:9; לְנַפְשָׁהֶם 'for themselves' A4.7:13; שְׁמֵהֶתָם 'their names' C3.11:12; עֲלֵיהֶם 'on them' A3.8:4 // עֲלֵיהֶן A4.7:24 // עֲלֵיהֶן A2.2:10(?); בֵּינֵיהֶן 'between them' B3.12:19,21; בָּהֶם 'upon them' A4.7:17; מְלִיכָתָם 'their words' A3.8:13; תְּלִיכָתָם 'their weapons' A4.7:8 // וְנִיחָם A4.8:8; נְכִסֵּיהֶם וּבְתֵיבָתָם 'their possessions and their houses' C2.1 III:2.

The morpheme הוּן- is late, first attested in 3rd cent. documents, D1.17 and D7.56.

The occasional spelling with a Waw, הוּם and עִמָּהוּן⁽²⁵⁸⁾, provides a vital clue to the vowel of the morpheme, *u* or *o*. The same applies to the occasional כֹּן-.

On the consonant alternation, *m* or *n*, see above at § i. No scribal consistency is to be sought in this regard: in one and same document we find להן 'to them' A4.2:4,14 and לְבַחְתָּם 'anger against them' ib.11; מְרִיבָּהֶם ... בָּהֶן 'in them ... their owners' A4.4:8 and להן ib.9. Nor is there consistency between the final consonant of the conjunctive pronoun for the 2pl. and that of the perfect: אחֹכְכָם 'your brother' A3.10:1, יָדְכָם 'your hand' ib.2, לָכֶם 'to you' ib.2 vs. וִיבִלְתֹּן ... וּבִנְחֹן 'you bought ... and brought' ib.5, נִפְקָתָם 'you went out' A3.3:3 vs. פְּרִסְכָן 'your pay' ib.4 and לָכֶן 'to you' ib.5.

l) *3fp*. There is no assured example of a 3fp suffix. The gender of רִגְלִי in the sense of 'foot' cannot be determined on the basis of internal evidence, so that מְנַחֲתוֹתָם 'to put them [= רִגְלָהֶם 'their leg(!)'] down' C1.1:170 cannot be adduced as evidence. The suffix of שְׁלֵמָהֶן 'their welfare' is probably masculine, for, according to Grelot, only one of the four persons mentioned, Isireshtut, is female, thus masculine gender as *genus potior*.⁽²⁵⁹⁾

²⁵⁸ Pace Joüon (1934:10), hardly an erroneous spelling.

²⁵⁹ Grelot 1972:475.

m) Object pronouns attached to the verb

The conjunctive pronouns suffixed to the verb are basically identical with those suffixed to the noun and the preposition, except for the first person singular: see below § 38. Hence only a handful of examples have been quoted above of pronouns added directly to verbs. Only in one instance we find נא -, a long suffix attached to a verb (חוינא 'he showed us' A4.8:15). For a fuller listing of conjunctive pronouns attached to verbs, see below, § 38.

n) Disjunctive instead of conjunctive pronoun

No instance of a disjunctive pronoun notionally dependent on the preceding noun or preposition is found in our corpus, as in Old Aramaic: Tel Dan 10 הם ארק 'their land'; Barrakkab II 7 הם נבשת 'their souls'; Zakkur A 9 הם מחנות 'their armies.'

§ 13. Disjunctive possessive pronouns

The use of disjunctive possessive pronouns compounded with זיל ⁽²⁶⁰⁾ and the appropriate pronominal suffix is very frequent and characteristic of IA. The forms and problems presented by them are identical with those of the preposition ל with the pronominal suffixes. On their morphosyntax, see § 40.

Singular	Plural
1 זילי ⁽²⁶¹⁾ A6.8:1	זילנא B2.9:13; זילן
A6.10:2	
2m זילך B3.4:16; דילך B3.10:14	זילכם B2.10:8
f זילכי B3.5:4; זיליכי B2.3:19	?
דילכי B2.7:11; זילך B3.10:11 ⁽²⁶²⁾	
3m זילה B3.11:5; זי לה D23.1 II:11 ⁽²⁶³⁾	זיליהם B3.5:22
f זילה D7.8:4	?

The striking form זיליכי , which occurs only at B2.3:19, may be accounted for by the emphasis laid on who is to own the property: זיליכי ארקא 'that land is *yours*.' The transfer of the

²⁶⁰ On the forms with ד , see above § 2 a.

²⁶¹ These pronouns are sometimes spelled as two separate components. On this question, see above § 10 b.

²⁶² See above, § 12 e.

²⁶³ It could be feminine.

On the graphic separation of the two components, see Dn 2.20 גבורתא דיר 'the strength is his' where, however, the pronoun is predicative. The spelling in Vogt (1971:88b) is misleading: בר זי לה C 8.26 (= B2.3:26), איש זי C 20.14 (= B2.9:14) where the gap ought to be closed.

property from Mahseiah to his daughter Mibtahiah is mentioned more than once in the document: lines 3,8,9,10,12f. Though Leander (1928:32) regarded our זיליכי as a possible scribal error, a similar form has now turned up in QA: בדיליכי ... בשליכי 'thanks to you ... on your account' 1QapGen 19.20, where, too, a measure of emphasis is not out of place.⁽²⁶⁴⁾

In זי לך רבחה 'your big sheep' D7.8:2 the pronoun is broken up into its etymological components, but followed by זילה 'its' ib.4, whereas in זילי הוה B2.3:3, the first word is to be understood as זי לי, for the meaning is apparently "which was mine."⁽²⁶⁵⁾

§ 14. Demonstrative pronouns

The pronouns for deixis in our corpus present a remarkably rich variety.⁽²⁶⁶⁾

a) For an object physically or mentally near: 'this, these'

Sg.m.: זנה, זנא, דנה⁽²⁶⁷⁾, דנא⁽²⁶⁸⁾

f. : זא, דה⁽²⁶⁹⁾

Pl.c. : אלה⁽²⁷⁰⁾

Examples:

b) *m.s.*: ספרה זנה 'this letter' A2.1:12; כונה 'like this' A4.7:15;

²⁶⁴ The feature recurs in a much later idiom, CPA, according to some partially pointed examples collected by Bar-Asher (1977:326), though Bar-Asher is mainly interested in the final vowel. *Pace* Beyer (1984:451) this is hardly a suffix attached to a plural noun.

²⁶⁵ See § 10 b.

²⁶⁶ Cf. Folmer 1995: 198-209.

²⁶⁷ On the alternation between ז and ד, which also applies to the sg.f. forms, see above § 2 a.

²⁶⁸ This last form only at D23.1 II:10.

²⁶⁹ The consistent spelling in OA with Alef, including Fekheriyan זאח (on which see Muraoka 1983-84:93f.), suggests its original consonantal character, no mere vowel letter (*pace* Garr [1985:83—"a secondary, syllable-closing *aleph*"). The striking ז in ... דמח ז 'this is the statue of ...' in a ninth cent. BCE inscription from Gozan suggests that already at this early period and in this area the consonant had quiesced in this word-final position. Lipiński's (1994:17) suggestion of a possible Phoenicianism does not materially affect this interpretation.

²⁷⁰ It is precarious to postulate אל on אלה B3.4:7 where a He has been added below the line, the shorter form being known in OA, Samalian and BA alongside אלן. Our idiom, however, does not know אלן of OA and BA. אלה occurs in our corpus 21 times.

זנא 'this document' B3.11:15; על דנה 'on this' A5.2:9.

זנא is the standard spelling, whereas דנה occurs only three times (A5.2:8,9; B3.11:3) and זנא five times (B3.11:15^[271]; C3.16.4,5^[272]; D2.24:2).⁽²⁷³⁾

f.s.: אנרתא זא 'this letter' A3.3:13; דה only once at A2.5:7.

pl.c.: בתיא אלה 'these houses' B3.7:14; מליא אלה 'these words' A3.9:5.

The spelling with He in דה A2.5:7 is typical of the Hermopolis papyri: see § 5 *e*.

c) For an object physically or mentally removed, 'that, those':

Sg.m.: זך, דך, זך⁽²⁷⁴⁾

f.: זכ, דכ⁽²⁷⁵⁾, זכ, זכ

Pl.c.: אלכ, אלכ

The pronouns of this series appear to be composed of those given above under § *a* and the morpheme for the second person *k* or *ky*.⁽²⁷⁶⁾ Thus it would be more correct to view, for instance, זך as /za:/ + /k/ and זכ as /za:/ + /ki/ rather than as two variant forms, the one shortened from the other, analogous to אנת and

²⁷¹ In a rather poorly executed document and as a dittography following the standard spelling זנא at the end of the previous line.

²⁷² In a very poorly preserved text.

²⁷³ ילד בן בי B5.6:4, which Porten - Yardeni (1989:128) tentatively render 'born in this house,' is extremely difficult: the spelling ילד, the form בן, which admittedly does occur in a 5th c. inscription from Tema in the Arabian peninsula and in Samalian (Dion 1974:156) alongside the standard זנא, and the abs.st. בי with the demonstrative.

Cook (1990:64f.) suggests that the original form was /dīnā/, but unlike most of the forms discussed by him this demonstrative, in our corpus and earlier phases of Aramaic, is always spelled plene with the very few exceptions mentioned above. Then MA דן in QA and דן in TA (on the latter, see Fassberg [1990:120]) cannot have resulted from BA זנא by apocope of unstressed word-final vowels as in /anta/ > /ant/. It appears that one has to postulate for Early Aramaic two variant demonstratives, one mil'el and the other milra. In order to admit the former alone, the milra BA form would have to be accounted for. Analogy of the feminine form? Then one would, however, have to interpret דנה in QA as mil'el.

²⁷⁴ מנא דכ in דכ B2.8:9 listed by Leander (1928:33) as masculine is actually feminine, for מנא is clearly *f.* in gender: see מנא מנא 'the oath comes' B2.8:4. Hence Leander's observation in the paragraph *q* becomes redundant. Cf. also above § 3 *n*.

²⁷⁵ Leander (1928:33) is probably right in regarding this unique form as a scribal error for דכ in the same document.

²⁷⁶ See below § 41 *d*.

אָנזי or לך and לכי, both 2fem.sg. forms.⁽²⁷⁷⁾

Examples:

d) *m.s.*: ביתא זיך 'that house' B2.3:8, B2.4:6†(same scribe)
 ביתא זיך 'that house' B2.4:4; זיך ספרא 'that document'
 B2.3:16

זיך דרגא 'that stairway' B3.10:10†

f.s.: זיך ספינתא 'that boat' A6.2:22

זיך מנחא 'that share' B5.1:4; מן זיך 'from that (time)'
 A4.7:21⁽²⁷⁸⁾

זיך מומאה דכא 'that oath' B2.8:6†

זיך מומאה דכי 'that oath' B2.8:9†

pl.c.: דרששיא אלך (m.) 'those doors' A4.7:11; חקלחא אלך (f.)
 'those fields' B8.10:4

נכסיא אלכי 'those possessions' B2.8:8; see also A2.7:3,
 A3.1:3, A5.2:4†

e) It is a fair supposition that the m. זיך and the feminine זיך contrasted by virtue of vowel differentiation after ז as in BA m. זיך vs. f. זיך.

f) The disjunctive pronoun for the third person may be used as demonstrative: so יומא הו 'that day' C3.15:123; פלגא הו 'that half' B2.4:12; ערנא הו 'that time' D7.17:3.⁽²⁷⁹⁾

g) A special form is זכם or דכם 'selfsame'⁽²⁸⁰⁾, always attributively with, and preceding, דגלא 'detachment': דכם דגלא B3.8:2; זכם דגלא B2.4:2, B2.9:4, B5.2:3.⁽²⁸¹⁾

On the morphosyntax and syntax of the demonstrative

²⁷⁷ See above § 12 e.

²⁷⁸ Indiscriminately with the name of a male: זיך [פ]סמש[כחסי] 'that [P]samshe[khasi]' A6.3:6. Even if Folmer (1995:199f.) be right in seeing here an appositively, not attributively, used pronoun, its reference to a male remains problematic.

²⁷⁹ Pace Fitzmyer (1956:32f.) we are hardly dealing here with an "emphatic" use: in the first instance, the pronoun is simply anaphoric, referring back to the first line of the document, and in the second the emphasis is not on פלגא, but on the following words as emphasised by the following דמו, and in the third we do need a demonstrative pronoun, ערנא being barely sufficient in the context.

²⁸⁰ The etymology of the word is obscure; cf. Leander (1928:35). Pace Segert (1975:193), the mimation is rather unlikely with demonstrative pronouns.

²⁸¹ Whether the fact that a phrase containing this pronoun is always prefixed by a preposition is, as Fitzmyer thinks (1956:58), significant or not is difficult to say.

pronouns, see below at §§ 41, 65.

§ 15. Relative pronoun

The so-called relative pronoun, *דִּי/וֹי*⁽²⁸²⁾, is used in ways significantly different from the way in which its Indo-European equivalent is used.⁽²⁸³⁾ This particle is also used in a rich variety of other ways. In essence it indicates a relation of dependence between what precedes it and what follows it, the latter being dependent on the former. The so-called independent relative clause lacking an antecedent can be regarded as elliptical. For details, see below § 42 *d*.

§ 16. Interrogative words

A limited number of words are used to elicit information on the identity of persons or objects, their nature, their location, a time of action, a reason for action, a manner of action, a place of action, and a quantity of an entity, etc. For example:

מִן הוּא זֶי יָקוּם קִדְמוֹהִי 'Who is he that can stand up in front of him?' C1.1:91

מָה חָסִין הוּא מִן חֲמֹר 'What is more robust than an ass?' C1.1:174
אֵיךְ הִלְכָתָךְ ... הוֹדַע 'Make known ... how your conduct is' C2.1:66

לָמָּה הוּא יַחְבֵּל מִתַּא עֲלֵינוּ 'Why should he damage the land against us?' C1.1:36

אֲמַת תַּעֲבֹרן 'when you celebrate ...' D7.6:9 (indirect question)

אֵן 'Where?, Whither?' is used in our corpus only in conjunction with *זֶי* in a generalising statement: *אֵן זֶי צְבִיתָ* 'wherever you please (to go) to' B2.6:25,29†.

§ 17. Indefinite pronouns

מִדְּעָם/מִנְדְּעָם⁽²⁸⁴⁾ is used to refer to an unspecified object, translatable as 'something, anything.' E.g., *אֲחֵה לְכֵן מִדְּעָם* 'I shall bring you something' A2.1:10; *מִדְּעָם אַל תּוֹבֵנִי* 'Buy nothing' A2.3:10. Syntactically different is *יְהוּהָ כִּסְנָתוֹ מִנְדְּעָם* 'Should there be any decrease' A6.10:8 and *מִנְדְּעָם בְּאִישׁ* 'something bad' A6.7:8 (§ 44 *a*). *הַמְּדַעְמָחָא זֶי אֲשַׁחְכְּחוּ בָּהּ* 'the things which were found in it' C3.7Gr2.23 represents an extension of the original indefinite use: 'something' > 'the thing' with the st.det. morpheme attached.

²⁸² On the alternation between /d/ and /z/, see above § 2 *a*.

²⁸³ Cf. Joüon - Muraoka (1993: § 158*a**).

²⁸⁴ On the etymology and the Nun of the form, see above § 3 *c*.

Similarly in מִזְרְקֵיָּא זִי זְהָבָא וְכֶסֶף וּמִנְדַּעֲמַחָא זִי הוּא בִּאגוּרָא זָךְ 'the golden and silver basins and the things which were in that temple' A4.7:12. Cf. also A4.5:23, A4.8:11.

כֹּל 'person, one' is also used in an analogous fashion: כֹּל אִישׁ 'something whereby one could live' B4.1:3; אִישׁ מִנְדַּעַם בֹּאִישׁ לֹא יַעֲבֹד 'no one should do anything bad' A6.7:8.⁽²⁸⁵⁾

§ 18. The Noun

The noun is declined with respect to number (singular, dual, and plural), and state (absolute, construct, and determined).^(285a) Moreover, each noun is either masculine or feminine in gender⁽²⁸⁶⁾, which is, just as the categories of number and state, marked by means of sufformatives.⁽²⁸⁷⁾

a) Declensional endings

The sufformative exponents of the above-mentioned categories look as follows:⁽²⁸⁸⁾

²⁸⁵ For more examples, see Hoftijzer - Jongeling 1995: 119.

^{285a} By proposing a three-way opposition of emphaticus, pronominalis and constructus as determinatus on the one hand and indeterminatus (our absolute) on the other, Tsereteli (1991:1572) is confusing morphology and morphosyntax. Judging from later Aramaic dialects with tradition of vocalisation, the status pronominalis and status constructus constitute one morphological category. Morphosyntactically also they are two manifestations of a single category.

²⁸⁶ Three cases of common gender are עֲנָה 'goat'—m. עֲנָה חֶדֶד 'one goat' D7.57:5; f. עֲנָה וְאִמְרָתָא [עֲנָה] 'the goat [answered] and said' C1.1:165; מִחְזִי 'mirror'—m. ... זִי נֶחֱשׁ שׁוּהָ 1 '1 mirror of bronze worth ...' B2.6:11; f. מִחְזִי 1 ... שׁוּהָ '1 mirror worth ...' B3.3:5; מְרִבִּי 'interest'—m. יְהוּדָה רֹאשׁ (the subject: מְרִבִּי) 'it will become interest' B4.2:5; f. ... וְהַיְהוּדָה מְרִבִּי כֶסֶף 'and the interest on your silver shall be ...' B4.2:3.

²⁸⁷ But see the following note.

²⁸⁸ It is understood of course that, as in every Semitic language, there are masculine nouns which take typically feminine endings in either the sg., du. or pl., and conversely feminine nouns which take typically masculine endings in one of the numbers. Such a discrepancy does not arise in the case of adjectives, and participles which are to a certain extent inflected like adjectives. Therefore, the above scheme may be taken roughly as that of (substantivally used) adjectives. In the following listing, only the typically masculine or feminine *form* is taken into consideration, so that מִלֵּי 'the words of,' the pl. cst. of a feminine noun, מִלָּה, is listed under the category "m.cst.pl." See below at § 18 v.

	Singular	Dual	Plural
m.abs.	∅	יְ-	יְ- / יִ-
cst.	∅	יְ-	יְ-
det.	א- / ה-	אֵ-	אֵ- / (יֵ-)
f.abs.	ה-, א- / ת-	תִּ-	יְ-
cst.	ת-	תִּ-	ת-
det.	תה- / תא-	?	תה- / תא-

Examples and discussion:

b) *m.abs.sg.*: אח 'brother' B2.1:8; בר 'son' B3.6:5.

du.: תרין 'two' A6.9:4; ידין 'hands' B2.6:8, B3.8:8; עינין 'eyes' C1.1:212,214; אדנין 'ears' ib.157,215; רגלין 'legs' B8.4:5.⁽²⁸⁹⁾ Except the last item (scribal error?), all the remaining lexemes and the masculine *du.* תרין 'two' are spelled in their *du.abs.* form with a Yod, which may suggest that the original diphthong was still maintained. Though not genuine duals, here also belong מין (שפין) ' (calm) waters' C1.1:161+^(289a); שמיין 'sky' A2.1:1+.⁽²⁹⁰⁾

pl.: גוּיִין 'fishes' B7.1:4 // גוּיִין ib.3,6; שָׁנִין 'years' B7.1:8 // שָׁנִין B6.3:2. The fluctuation between the plene and defective spelling can be observed even within the same documents as in the above quoted גוּיִין/גוּיִין.⁽²⁹¹⁾ So also אָמְרִין 'say' A4.7:4 // אָמְרִין ib.22 (change of hand); לְקִדְמִין 'formerly' A4.9:8 // לְקִדְמִין ib.10; גְּרִבִּין 'flagons' C3.28:85 // גְּרִבִּין ib.86,87. See also לְקִין עֲתִיקִין 'old poles(?)' C3.7Fr1:21.⁽²⁹²⁾ Other examples of the plene spelling are: גְּרִיִּין

²⁸⁹ The f. gender of these lexemes, excepting the numeral, is inferred from cognates.

^{289a} It cannot be determined, however, whether or not the Yod was followed by *i* as in Targumic Aramaic מִיִּין, and not *מִיִּין.

²⁹⁰ Kottsieper (1990:113) regards /-ma-/ more likely, as in Arb., than /-may-/. So also for מִיִּין (1990:109).

²⁹¹ These make Ginsberg's (1936:99ff.) theory on a pl. morpheme /-a:n/ highly unlikely: see on this question, Kaufman 1974:128f. and the literature cited there. Kutscher (1972:67f.) had effectively laid this novel theory to rest for good.

²⁹² Of course the first word may end with /-a:n/. For its meaning, cf. Syr. *liqa:* 'oar,' the pl. of which ends in *e*. This instance in a document datable to ca. 475 BCE is earlier than B3.4 (437 BCE), which Segert (1975:184) quotes as the earliest attesting to the plene spelling of the m.pl.abs ending of regular nouns other than those f. nouns ending in /-a/. It is true, however, that the plene spelling of this morpheme is common in later texts such as A4.7 (407 BCE) and C3.28 (3rd cent. BCE) as can be confirmed by a glance at the examples cited above.

'men' A4.10:5+; חמרין 'beads' C3.28:105; ימין 'days' B3.10:17⁽²⁹³⁾ besides the standard יומן (8x); ירחין 'months' C3.28:97 // ירחן B7.1:8; כנכרין 'talents' A4.7:28 // כנכרן A4.8:27⁽²⁹⁴⁾; כוין 'windows' B2.10:6 // כון B3.10:13⁽²⁹⁵⁾; כסין 'cups' C3.13:1,3,13 // כסן B2.6:12, B8.6:6; מסמרין 'nails' A6.2:16†; נכסין 'possessions' A4.7:16, A4.8:5† // נכסן (16x); עבידין 'made' (ptc.) A4.7:20; צימין 'fasting' (ptc.) A4.7:15,20 // צימן A4.8:19; חלחין 'thirty' B3.9:8. Where no alternative plene spelling is attested, one can only resort to comparative/historical or syntactical considerations or look for pl. forms in the det., cst. or with conjunctive pronouns in order to tell whether the ending is that of the m. /-i:n/ or f. /-a:n/.⁽²⁹⁶⁾ Thus פתיחן in כוין פתיחן B2.10:6, seemingly ambiguous, may be usefully compared with פתיחין כוין 'windows are open' Dn 6.11. Or again, מלן 'words' C1.1:29 by itself is ambiguous, whilst its det. form מליא B8.7:3, its cst. form מלי 'the words of' C1.1:1 and a form such as מלוהי 'his words' C1.1:62 all point to the masculine ending /-i:n/. טבן in עינין טבן 'good eyes' C1.1:157 can be feminine if we take יאכמו of אל יאכמו as impersonal: 'Let them not darken (good eyes).'

In so-called *nishbēh* nouns the Yod must be considered consonantal: e.g., יהודין 'Jews' B2.9:2+⁽²⁹⁷⁾; חלכין 'Cilicians' A6.15:2, C3.28:96.

c) *m.cst.sg.*: (אבה) בר 'son of (Abah)' B2.2:16; (אתור) מלך 'the king of (Assyria)' C1.1:10; (ענני) בית 'the house of (Anani)' A4.3:10; (בנת) בת 'the temple of (Banit)' A2.2:12.

There is no instance in our corpus of אב or אח used in the sg.cst. Hence one cannot say whether it differed from its abs. state form. The expected distinct cst. form is אבוי* and אחוי* respectively. Therefore, a name such as אחוטב 'Ahutab,' if it mean 'a good person's brother,' might contain such a cst. form, but its

²⁹³ For a possible contraction of the diphthong, see above § 8 b.

²⁹⁴ A4.8 is a revised draft of A4.7. The scribe of the second half of A4.7 appears to be fond of plene spelling. See Porten 1998.

²⁹⁵ There are two variant lexemes for 'window': כוה (so Vogt [1971:81]), the two alternative spellings of whose plural are cited here, and כון as in כוה פתיח 'its only window is open' B3.12:21. Kraeling (1953:313) lists all under כון, Porten - Yardeni (1989:xxviii) under כוה.

²⁹⁶ Leander (1928:91), Segert (1975:186), and Beyer (1984:449) quote חמרין from Cowley's edition (81:16) 'she-asses' or 'pearls' as the unique example of the plene spelling of the f.pl.abs. morpheme, but it is now (C3.28:92) read as 40 כאן 'win(e) 40 ka's.'

²⁹⁷ /yhuda:yin/ or the like? Cf. BA Dn 3.12Q יהודאין vs. Dn 3.8 בשדאין.

interpretation is in no way certain.⁽²⁹⁸⁾ אחי'אב B4.4:2, if it mean 'father's brother,' and not 'my brother is father,' is a Hebrew name.

d) *m.cst.du.*: ידי 'hands of' C1.1:170; עיני 'eyes of' ib.172; בחרתי רגלי' 'a second time (?)' C2.1:11. On the analogy of Heb. אנפי 'face' one might postulate du. (אסרחאדן) 'the face of (Esarhaddon)' C1.1:14; (מלך) 'the face of a (king)' ib.85.⁽²⁹⁹⁾

e) *m.cst.pl.*: ספרי 'scribes of' A6.1:1; מלי 'words of' C1.1:1. There is no graphic distinction whatsoever between this morpheme and that of the *m.cst.du.* There are reasons to think that the two did not differ phonetically.

f) *m.det.sg.*: אלפא 'the ship' A3.10:3; כתנה 'the tunic' A2.1:4; עמרה 'the wool' A2.2:9; אבנא 'the stone' A4.7:9; עבורה 'the eve' D7.8:15. The use of He instead of the standard Alef is typical of⁽³⁰⁰⁾ the Hermopolis papyri except the letter no. 7, penned by a scribe different from the one who wrote the other seven letters of the corpus: ספרא 'letter' A2.7:4 // ספרה A2.1:12, A2.2:17, A3.4:5. As can be seen from the above table, this orthographic feature applies to the st. det. morpheme of both genders and all three numbers. In the Tiberian tradition of BA, this morpheme is stressed.

g) *m.det.du.*: רגלי' (בחרתי) '(for a second) time' C2.1:11, if it is dual indeed.⁽³⁰¹⁾

h) *m.det.pl.*: אלהיא 'the gods' A6.1:1; יומיא 'the days' A4.1:8; מלי' 'the words' B8.7:3; ינקיא 'the infants' A2.7:3 // ינקיה A3.4:2.

So-called *nisbéh* nouns, or gentilicia⁽³⁰²⁾, are problematic.⁽³⁰³⁾

²⁹⁸ According to Grelot (1972:463) it rather means "Le Frère est bon." Noth (1928:67f.) is firmly of the opinion that Northwest Semitic names with אב or אח as the first component are nominal clauses, and not st. cst. phrases. Zadok (1988:47-49, 53, 59) wavers between a nominal clause and a genitive phrase.

²⁹⁹ BA attests no st.abs. form. The dagesh in the Pe of the forms of the BA noun is said to prove that they are to be viewed as dual: Bauer - Leander (1927:226). The occasional assimilation of the Nun as in אפיך 'your face' A2.1:2 also favours such an interpretation.

³⁰⁰ Though not confined to them: see above § 5 e and Folmer 1995:115f.

³⁰¹ Cf. Greenfield - Porten (1982:29).

³⁰² In terms of word-formation, /-k/ and /-kn/ (the latter of Persian origin) are also used to form gentilics: כרתך 'Cretan' B8.3:1 (but see Zadok 1985:174); סונך 'resident of Syene' B5.2:2; סיך 'resident of Sais (?)'; כרכיא 'Carians' A6.2:8. See also Masson 1975:410.

³⁰³ Cf. Folmer 1995: 213-17.

Thus our orthography makes no distinction between the sg. (חילא) 'the Jewish (force)' C3.15:1 and the pl. (כזי יהנעלן המו) 'the Jews (bring them in)' A3.8:12. So also מצריא 'the Egyptians (rebelled)' A6.10:1 as against מצריא 'the Egyptian' D8.4:16; [קד]מיא 'the former (officials)' A6.10:7. What about מה אמר לנכריא '(What am I supposed to say to) the stranger(s)?' C1.1:139.⁽³⁰⁴⁾ Etymologically, *י-יודי < י-יודי* is expected, somewhat like Dn 2.30 חַיָּא (< חַי). In a case like this, BA presents a simplified form: יהודיָא Ezr 5.1.⁽³⁰⁵⁾ תיפתיא A4.5:9 is generally identified with BA תפֿתֿיא Dn 3.2,3, the vocalisation of which agrees with what has been suggested above.⁽³⁰⁶⁾

The f.sg.det. תחתיה 'the Lower (Egypt)' A6.10:11 is regular. On the difficult עממא C1.1:98,189, see above § 9.⁽³⁰⁷⁾

i) Dual as distinct from plural

The existence of dual as distinct from plural is not apparent from our consonantal texts, but may be assumed on the basis of later vocalisation traditions such as the Tiberian tradition of BA, an assumption supported to some extent by the way the numeral for 'two' is spelled: m. חרין (14x), f. חרחין (5x). Whether it was pronounced /-ay(i)n/ or, with contraction⁽³⁰⁸⁾, it was not /-i:n/, the m.pl.abs. ending⁽³⁰⁹⁾, which is only rarely spelled plene with a Yod⁽³¹⁰⁾, and which would not apply to the f. form anyway. One may also note some nouns which presumably had a distinct dual form: ארנין 'ears' C1.1:157,215†; ידין 'hands' B2.6:8, B3.8:8†; מאתינן 'two hundred' A6.2:13,14,15,16†; עינין 'eyes' C1.1:157,212, 214†, but רגלן 'legs' B8.4:5⁽³¹¹⁾. But *שפה 'lip' is used in the

³⁰⁴ Is the st.det. generic in force? Then the sg. is more likely: see below § 46 l.

³⁰⁵ See Bauer - Leander (1927:55,204).

³⁰⁶ Kottsieper (1990:130f.) argues for /a:yya/. Beyer (1994:41) reminds us that the later, typically East Aramaic morpheme, /e:/, is amply attested already in the 7th cent. in Aramaic place names written in the cuneiform.

³⁰⁷ Cf. Leander (1928:102), Kaufman (1974:127f.), Lindenberger (1983:285), and Muraoka (1997a:206f.).

³⁰⁸ See above § 8 a.

³⁰⁹ Pace Segert (1975:185), פרסין B3.8:20 is no dual, but the m.pl.abs. of the gentilic 'Persian': see Degen 1979:28.

³¹⁰ See above § 6 b.

³¹¹ Despite the generally accepted interpretation of [ן] סכין פמי 'double-edged knife' C1.1:84 there is no absolute necessity to take the second word as dual: cf. Heb. Pr 5.4 חֶרֶב פִּפְיֹת with Pesh. /saypa: datre:n pummaw/.

pl.⁽³¹²⁾: שפוח *cst.* C1.1:151; שפוחה 'his lips' *ib.* 132. The addition of the cipher for '2' suggests that כף 'hand, palm' was used in the pl. form, though in 2 כפן '2 ladles' B2.6:16, the word does not mean 'hand, palm,' and thus it cannot be used to prove the disuse of the du. of this particular noun.⁽³¹³⁾

j) *f.abs.sg.*: מלה באישה 'bad thing' A4.3:6; אחה 'sister' B2.1:8+, a form unique to Egyptian Aramaic⁽³¹⁴⁾ for the standard אחת, the Taw of which should not be confused with that which is about to be discussed, for later vocalisation traditions indicate /-a:t/.

One finds occasionally the archaic *f.sg.abs.* morpheme ת⁽³¹⁵⁾: (חדה) אגרת '(one) letter' A3.5:5; A6.15:1+ // אגרתה A3.6:3, A4.7:18, 19⁽³¹⁶⁾; ופת 'loan' B3.1:3; קבלת 'complaint' A6.8:3⁽³¹⁷⁾ // קבילה A6.15:5,11; ושררת (שלם) '(well-being) and strength' A3.3:1, A3.8:1, D1.4:1, D1.12:1; אנהת (לי) '(she shall not be my) wife' B3.8:22, similarly at *ib.* 25.⁽³¹⁸⁾ This feature is another trait

³¹² On the pl. base expanded with Waw, see below, § f.

³¹³ מוחה 'scales' B2.6:24, B3.8:26 can only be singular. Note also BA Dn 5.27 מאחנה (v.l. מאחנה). On the expanded BA form, cf. Bauer - Leander 1927: 234 j, l.

³¹⁴ At least we have no relevant evidence from elsewhere in earlier or contemporary Aramaic dialects. See also above at § 3 k.

³¹⁵ In our corpus we find only suffixed forms of the word for 'bow': קשה 'his bow' C1.1:190; קשתך 'your bow' *ib.* 126,128. Hence it is impossible to say whether its *sg.st.abs.* was ever קשה or not: on the etymology of the word, see Gesenius - Buhl (1915:733). Cf. also Folmer 1995: 252-57.

Leander (1928:24) explains בי 'house' *st.abs.* as an analogical development following the loss of the *f.sg.* morpheme /t/.

There is no ground for assuming, as Garr (1985:93) does, a long *a* as the vowel preceding the *f.sg.abs.* morpheme spelled ת. As late as Classical Syriac we see remains of this old morpheme preserved as /-aʔ/: Muraoka (1997b: § 47). Otherwise the *sg./pl.* distinction would have been neutralised.

³¹⁶ The form with He speaks for the naturalisation of what appears to be a loan from Akk. *igirtu*: cf. Kaufman (1974:48). This, incidentally, speaks against Gibson's (1975:128) suggestion that this spelling fluctuation reflects the contemporary, local Demotic substratum in which the fem. ending <t> was still written, though it had ceased to be pronounced in speech.

³¹⁷ Wesselius sees here a functional opposition, but see the following footnote.

קבלה here is hardly in *st. cst.* with the following מנך 'from you,' for unlike in BH, in which a *cst.* followed by a prepositional phrase is fairly well attested (Joüon - Muraoka 1993: § 129 *m-o*), this is hardly the case in Aramaic.

³¹⁸ Kutscher's explanation (1954:236) that this is possibly a fossilised archaic accusative as in Arb. following *ka:na* sounds too ad hoc. See also Sefire I B

characterising the language of the Hermopolis papyri⁽³¹⁹⁾, though not confined to it: תַּקְבַּת 1 שִׁפְרָה 'one pretty vessel' A2.2:11⁽³²⁰⁾; חֲשֵׁבֶת 'striped cloth' A2.4:10; יָהֵב 'giving,' ptc., A2.2:14; שְׁלַחַת 'sending,' ptc., A2.3:11; חֲזִית 'seeing,' ptc., ib., A2.7:3; שִׁנְטָה A2.1:4 (?).⁽³²¹⁾ But there is no question of consistency: תַּקְבָּה A2.1:5; לְמִיתָה 'to bring,' A inf. A2.4:11 // לְמִתָּה ib.⁽³²²⁾

The form אַחֲרָה 'other' in אַתָּה אַחֲרָה 'another wife' B2.6:32 (m. אַחֲרִין) is highly irregular, if it is not a scribal error for an innovative אַחֲרָה. There also exists the standard אַחֲרִי, e.g. נִפְקָה אַחֲרִי 'another outlay' C3.27:29.⁽³²³⁾

The occasional spelling with final Alef is a mere orthographic variant⁽³²⁴⁾: אַרְמִיָּה 'an Aramaean (woman)' B2.8:3⁽³²⁵⁾; בְּרָא 'daughter' ib.9; הַשְׁקִיָּה 'to give to drink' A4.5:7, H inf.; חֲנִטָּה 'wheat' C3.28:104; מְדִינָה 'province' A4.2:6 where מְדִינָתָה (st. det.) is expected; סַפָּה 'jar (?)' D7.33:2; מִן חֲחִתָּיָה לְעֵלִיָּה 'from below to above' B3.12:8 // מִן עֵלִיָּה לְחֲחִתָּיָה 'from above to below' ib.16; on the substantivised adjective, see below, § 48 b.

k) *f.abs.du.*: תְּרֵחִין 'two' A6.9:3+3x.

l) *f.abs.pl.*: מִסְרֵסֶרֶן 'soaring'(?), ptc. C1.1:162; מִלֵּן 'words' ib.29.

m) *f.cst.sg.*: אֲנֶרֶת (אַרְשָׁם) 'the letter of (Arsham)' A6.15:4; מַלְכָּה 'the queen of' A2.1:1; שָׁנָה 'the year of' A4.1:2; אִתָּה 'the wife of' A4.4:5^{ter}; בִּרְתָּה 'the daughter of' A4.4:6. There is no knowing if this form phonetically differed from its st.abs. form as given above, (j).

10 מִן בִּקְעָה 'from the valley.' For a critical review of the thesis put forward by Wesselius (1980) as to possible case opposition (ה- nom./gen. vs. ה- acc.), see Folmer (1995: 252f.). In any event, this Taw must represent phonetic reality, not a mere historical spelling, a possibility mentioned by Hug (1993:65). Such is unlikely in private letters such as the Hermopolis papyri.

³¹⁹ Cf. Kutscher 1971:104,107.

³²⁰ See Porten 1968:267f., n. 7.

³²¹ On the interpretation of this difficult word, see Gibson (1975:138) and Hoftijzer (1983:115, n.1). נִפְרָת B2.8:3, B8.9:5, which Porten - Yardeni (1989:39) translate 'litigation' with some hesitation, does not belong here, because the original Persian word is *nifriti*; Grelot makes a verb of it - "j'avait fait opposition" (1972:190). Cf. also Hoftijzer - Jongeling 1995:744.

³²² This is another exception, missed by Hug (1993:65), beside מִשְׁטָּה 'arriving,' ptc., A2.4:4. As regards the difficult לְחִתָּה C1.1:178, we are inclined to analyse it as a case of haplography: לְחִתָּה < לְחִתָּה 'for a slave girl' (with a radical Taw).

In the light of the alternation תַּקְבָּה/תַּקְבַּת cited above, it is not right, *pace* Greenfield (1968:365), to correct לְמִיתָהם to לְמִיתָהם.

n) *f.cst.du.*: תרתי 'two' C2.1:11.†⁽³²⁶⁾.

o) *f.cst.pl.*: שמות 'the names of' A4.4:4,6. Since there is no graphic distinction between the *f.sg.cst.* and the *f.pl.cst.*, מדרת A6.13:3,4 is ambiguous of interpretation: 'the rent (or: rents) of the estates.' עזקה זי שנחאריב 'the seal (or: seals) of Sennacherib' C1.1:3 gets clarified by עזקה (sg.) ib.19. For משחת, *cst.* of משחתה 'measurement,' B2.4:4+ and משחתה 'its measurement(s)' B2.3:4+, reference may profitably be made to כתיבן (= משחתה) 'its measurements are recorded' B3.5:12.⁽³²⁷⁾ One would postulate /-at/ for the former and /-a:t/ for the latter as in BA, Syriac, and other later dialects.

p) *f.det.sg.*: ארתא 'the letter' A3.3:9; אלהתא 'the goddess' C3.12:27; אלהתא B2.8:5 // אלהא 'the god' C3.12:26; ספינתא 'the ship' A3.9:7. Graphically one cannot always tell the sg. from the

³²³ The latter with Yod is known from BA אָהַרִי and Syr. /ħre:ta:/ The phonetic shape of the morpheme is unclear: cf. Brockelmann 1908:412f.

³²⁴ See above, § 5 g and Folmer 1995: 118-20.

³²⁵ But cf. below, § 70 g.

³²⁶ Comparison with forms occurring in OA, שפִּיךְ 'your lips' Sefire III 14f and שפִּיחַ 'his lips' ib.15, makes it plain that the forms in our corpus, שפִּיחַ C1.1:151 (*cst.*) and שפִּיחַ ('his'), are pl., not du., but *pace* Leander (1928:92k), not "wie im Aram. überhaupt." Incidentally, there is no basis for regarding, with Kottsieper (1990:132), */šafa:t/ as the *sg.abs./cst.* of the noun, though he is probably right on מַתָּה 'portion' as in מַתָּכִי 'your portion' B5.1:7; cf. Syr. /mna:tɑ:/ . A similar problem arises for כְּנֵה (?) 'colleague' and פַּחַה 'governor,' both Akk. loanwords. The *st.abs.* of the former is not attested anywhere in Aramaic, whilst BA knows פַּחַה. The attested and/or vocalised examples indicate *כְּנֵי (or such like) and *פַּחֵי (or such like) as their respective *pl.st.abs.* form. Whilst the *sg.abs.* פַּחַה seemingly presupposes the analysis of /t/ in Akk. *pi:ħa:tu*, as a fem. morpheme, synchronically the Taw of מַתָּה is no longer a f. morpheme. BA פַּחַת *cst.sg.* and פַּחֵת *det.pl.* do not lend support to the view that the underlying base of its *sg.* form was conceived as having /-a:ta:/ with a long *a:* before the *t*. Beyer (1984:443) lists a whole range of nouns as having a fem. ending -*á:t*: אחַה, מַנַּה, קַצַּה, צַלוּ, כְּנֵה, פַּחַה, etc., but this does not make any synchronic sense; for Beyer's revised view, see Beyer 1994:285. We take exception to Vogt's proposed vocalisation of כְּנֵה C1.1:99,185 as /kina:təh/ (Vogt 1971:84): /kintəh/ might be suggested instead. Cf. further Kutscher 1961.

The IA use of פַּחַה in the sense of 'governor' must be elliptical for בעל פַּחַה or such like, since the Akk. word means 'responsibility, jurisdiction': on its form and usage, see von Soden (1965-81:862) and Kaufman (1974:82, n.263).

³²⁷ Another reason that מַתָּה B2.3:3 cannot have משחתה (4) as its subject.

pl.⁽³²⁸⁾, but שנה A4.1:2 must be sg., 'the year,' for the pl.det. would be שנים in view of its pl.abs. שנים B6.3:2 // שנה B7.1:8.

q) *f.det.pl.*: אגרות (מטו) 'the letters (arrived)' A4.2:15; חקלתא 'those fields' B8.10:4; ארקתא 'the lands' A6.15:6.

r) *Nouns with Yod or Waw as final radical*

There are a fair number of nouns whose basic form ends with Yod or Waw⁽³²⁹⁾. One needs to distinguish three groups: 1) *nishéh* words (see above [*b, h*]), 2) other nouns or adjectives to the root of which a Yod or Waw has been added, and 3) those whose final Yod or Waw is a root letter, thus derived from Lamed-Yod/Waw roots. Some examples follow.

With Yod:

(1) *m.sg.abs.* יהודי 'Jew' B2.2:3+, תחת (בי) 'lower (house)' B3.10:12+; *f.sg.abs.* יהודיה B5.5:2, *m.sg.det.* יהודיא 'the Jewish (army)' A4.1:10, C3.15:1; *m.pl.abs.* יהודין B.2.9:2; *m.sg.det.* כלביא 'doglike' A4.7:16 // A4.8:15⁽³³⁰⁾; *f.sg.det.* תחתיה 'the Lower (Egypt)' A6.10:11; *m.pl.det.* [קד]מא 'the former' A6.10:8

(2) possibly זערי in זעריהם 'their paucity' C1.1:90⁽³³¹⁾; כברי 'sulphur' A6.2:17, *sg.det.* ib.21; *sg.abs.* קלבי an unknown liquid measure C3.12:3+, *pl.abs.*, קלבין ib.4+

(3) *m.sg.abs.* בלה 'worn out' B3.8:10, *f.sg.abs.* (?) בליה ib.12; *m.sg.det.* בנויא 'the building' B2.4:12⁽³³²⁾; *m.sg.+suf.* גדיכי 'your kid' C1.1:209; *m.pl.abs.* דכין 'pure' A4.1:5; *f.sg.cst.* זיח 'corner' B2.1:5, זיחה 'its (m.sg.) corner' ib.4; *m.sg.abs.* זכי 'innocent' C1.1:46; *f.sg.abs.* (?) חויה 'snake' A2.5:8⁽³³³⁾; *f.sg.abs.* חליה 'sweet' C1.1:131; *f.sg.abs.* ... שיה (מחזי 1) '(a mirror) worth ...' B3.3:5⁽³³⁴⁾; *m.sg.det.* טביא 'gazelle' C1.1:168; *sg.+suf.* כסיכי 'your covering' C1.1:167; *m.pl.abs.* מלין 'full' A4.2:11; *m.sg.det.* מקריא 'the declaration' B7.2:6; *sg.abs.* מרבי 'interest' B4.2:7⁽³³⁵⁾, מרביתא

³²⁸ Hence, *pace* Cowley (1923:97), רקעתא A6.2:20 does not necessarily allow one to vocalise its pl. form as רקען ib.14.

³²⁹ Etymologically such a Waw may or may not be part of the root of the noun. In אגרו 'wifehood' it obviously is not, but rather an abstract noun morpheme.

³³⁰ On this interpretation, see Grelot 1972:410, n. s.

³³¹ The form is hardly m.pl., but possibly an abstract fem. noun ending with /-ay/, on which see Brockelmann (1908:412) and Barth (1894:378f.).

³³² /binnu:y/ according to Leander (1928:83).

³³³ Possibly masculine: see § 46 o.

³³⁴ Cf. JA מחזיתא; Syr. same.

³³⁵ Cowley (1923:34) and Leander (1928:112d) regard abs.sg. מרבית B4.2:5

sg.det., B3.1:6, 'the interest on your silver' B4.2:3, מרביתה 'its (m.sg.) interest' B3.1:16; *sg.det.* נגיא 'the region' B4.4:3; *f.sg.abs.* נקיה 'lamb' A2.2:8+⁽³³⁶⁾; *m.sg.abs.* סני 'a kind of iron' C3.7Fv2:14; *m.sg.det.* סניא 'the bramble' C1.1:101; *sg.det.* עביא 'the thickness' A6.2:18†; *m.pl.abs.* עבין 'thick' A6.2:14; *f.sg.abs.* עליה 'upper' B2.3:5+, *det.* עליחא A6.4:3; *f.sg.abs.* עריה 'naked' or 'cold' C1.1:166†; *m.sg.det.* רביא 'the young man' C1.1:38+, *m.pl.cst.* רעין ib. 33⁽³³⁷⁾; *m.sg.det.* רעיא D7.1:3, רעיה A2.2:16, *pl.abs.* רעין 'shepherds' C1.1:161⁽³³⁸⁾; *sg.cst.* שירית 'remainder' A4.7:11, שארית B8.1:11; *sg.det.* שביא 'captives' C1.2:5⁽³³⁹⁾; *m.pl.abs.* שפין 'calm' C1.1:161; (?) חלי 'weapon' (?) D7.7:6, *suf.* חליהם A4.7:8.

The *m.sg.abs.* of these nouns in group 3 is spelled with He, but without Yod: חדיה 'happy' A4.7:3, *f.sg.det.* חדיחא A5.1:4⁽³⁴⁰⁾; לחיה 'evil' C1.1:199, *f.sg.abs.* לחיה ib. 172, *m.sg.det.* לחיא A4.7:7, *f.sg./pl.det.* לחיחא C1.1:134, *sg./pl.suf.* לחיחי ib. 139; *m.sg.abs.* סוסה 'horse' C1.1:38, A6.12:2, *pl.abs.* סוסין C2.1:44.⁽³⁴¹⁾ Not much can be made of קנה C3.13:6, קנן ib. 15, 20, קניא ib. 50 because of the extremely fragmentary nature of the document, even if they are all forms of קנה 'rod'; קשה 'rough' C1.1:85, *m.pl.det.* קשיא B2.2:11,

a scribal error.

³³⁶ Hug 1993:148 is in favour of the m. gender.

³³⁷ An irregular spelling for /ra:bye:/ or the like? See also חליהם 'their weapon' A4.7:8. If one is to follow Hoftijzer (1976:210, 221, 290), possibly also in גרי 'adversaries of' Deir Alla I 12 and רוי 'saturated with' ib. II 4. The certain data currently available are too scanty for us to come to a firm conclusion on the shape of the *m.pl.cst.*, with or without a conj. pron., of Lamed-Yod nouns. On JA, see Dalman 1905:193, 207f.

³³⁸ In many late dialects we find *pl.abs.* רען; but cf. IQapGen 22.1 חר מן 'one of the herdsmen of the flock' (?) with our comment (Muraoka 1972:37).

³³⁹ For the collective force of the *sg.* שבי, cf. Ashur letter 15, and possibly IQapGen 22.2.

³⁴⁰ אריה 'a lion' (*sg.abs.*) C1.1:165 vs. אריא 'the lion' (*sg.det.*) C1.1:94 is an exception, probably because the /r/ was primitively not followed by a vowel, whereas in the words mentioned above the second root consonant was followed by one.

³⁴¹ The etymology of the word is disputed: see Gesenius - Buhl (1915:538) and Driver (1957:73f.). In spite of the Heb. סוס and *pace* Leander (1928:70, 97h) the basic form must have ended with /y/, perhaps /-ay/, hence סוסה = *suse*. This is clear from OA ססיה (Sefire I A 22), Syr. /susya:/ and JA, on which see Beyer (1984:644f.) and Sokoloff (1990:371). On account of the following קליל C1.1:38 cannot mean 'mare,' and 'his horse' (Leander ib.) is most unnatural. The form סוסא in 500 סוסא '500 horses' D22.1:2 (// גמלן 'camels') is most peculiar.

B2.3:8†; *m.sg.abs.* שוה 'worth' B2.6:8; *f.sg.abs.* שויה B3.3:5, *f.pl.abs.* שוין B2.6:13. Though not of Lamed-Yod roots, מין 'water' and שמים 'sky,' discussed above ([*b, e*]), belong here. Note also סרושיתא 'punishment' A6.3:6,7†.⁽³⁴²⁾ The consistent spelling *sg.abs.* פתי 'width,' e.g. B3.8:6 (det. פתיה e.g. A6.2:18) indicates a vowel of different order following /t/ than the one to be postulated in the analogous position of, e.g., חדה and סוסה. The latter may be assumed to have been /a/, thus /ay/ > /e:/, whereas for the former we may note BA פתיה Dn 3.1, Ezr 6.3⁽³⁴³⁾, and Syr. /pt̪a:yaː/.⁽³⁴⁴⁾

With Waw: 2) אנתו 'wifehood' B2.8:4, אנתוחי B4.6:5; הימנותה 'his trustworthiness' C1.1:132; מלכותה *sg.det.* 'kingdom' C1.1:79; מררותה *sg.det.* 'bitterness' C1.1:123; א[שרחון] *sg.det.*(?) 'foulness' (?) C1.1:106; 3) *sg.det.* בכוחה 'crying' C1.1:210; *sg.cst.* דמות 'likeness' B3.4:21†; מקלו 'burnt offering' A4.10:10⁽³⁴⁵⁾; *sg.abs.* עלוה 'burnt offering' A4.7:28, *sg./pl.det.* עלותה A4.7:25; *sg.abs.* ענוה 'poverty' C1.1:89; *f.sg.abs.* צבו 'matter, affair' A5.1:3, *sg.cst.* צבות A6.8:2bis, *sg.det.* צבותה B8.11:3; *sg.abs.* צהה 'thirst' C1.1:123; שרתה *sg.det.*(?)

³⁴² On the etymology of the word, see Driver (1957:47), and cf. BA לשרשי Ezr 7.26.

³⁴³ There is no absolute necessity, as does Vogt (1971:141), to emend the MT to פתיה in conformity with QA forms like פתי.

³⁴⁴ Although Syr. also has a synonymous segholate, /put̪yaː/, the pattern *qVta:l* seems more likely, as also supported by the spelling of the above-mentioned זכי, most likely /zakka:y/ as in Syr. and, with a secondary shortening in JA (Dalman 1905:161). No Aram. dialect shows a segholate of this word. QA forms, along with עובי 'width,' must be treated separately. Leander (1928:77) assigns our זכי to the *qatil* pattern, but how would he account for the consistent spelling with He of all the remaining words in that category such as שוה, לחה? The disputed קמח A6.9:3 may be seen in this light. The phrase is usually understood to mean 'flour of inferior quality' (but Grelot 1972:311 - "farine grise") on the basis of JA רמי 'rejected,' seemingly ptc.pass. of רמה 'to throw'; see Driver (1957:60). But in our corpus and BA the *m.sg.abs.* of the ptc.pass. of Lamed-He verbs is regularly spelled with He (see below § 37 f). We would rather suggest רמי 'fraudulent, suspect, dubious' instead. Levy (1867-68:427) mentions Buxtorf, who took רמיא in Trg Pr 10.4, 14.25 in this sense, but rejects the interpretation ("da letzteres [= רמיא] diese Bedeut. im syr. Sprachgebrauch, wonach das Trg. der Prov., nicht hat"). Brockelmann (1928:733f.) lists, however, D of the root in the sense of "caluminatus est," a noun /ramma:yaː/ 'fraudator, caluminator,' and a few other derivatives of related meaning. For a totally different interpretation of רמי as meaning 'fine, excellent,' see Hinz 1975:198.

³⁴⁵ If it is a loan from Akk. *maqlu:tu*. No declined form is attested.

'dinner'(?). C3.12:7⁽³⁴⁶⁾. In the customs account we find a new word, שחור, C3.7Gr2:6, apparently meaning 'a sixth,' but it is not followed by any noun but by בנו 'herein.' This may be some unknown elliptical expression, if the form is in the st.cst.⁽³⁴⁷⁾

On the morpheme of certain infinitives such as משלמחה 'repaying it' C1.1:131, see below at § 24 p.

s) *Loss of original final Taw of nouns with Yod or Waw as last radical*

As regards nouns of roots with a final Waw or Yod such as צבו 'matter' and מחוי 'mirror' (see above § [r]), they have lost the original Taw⁽³⁴⁸⁾ possibly by analogy with מלה sg.abs. versus מלה sg. abs.⁽³⁴⁹⁾.

t) *Derivation of st.det. from st.cst*

The st.det. may be said to be derived or derivable from the st.cst. form by the addition of a morpheme common to every number and gender. Whereas its well-nigh regular graphic representation with Alef points to its original consonantal value⁽³⁵⁰⁾, its not infrequent replacement by He in our corpus suggests that

³⁴⁶ The word, apparently related to Syr. /ša:ruṭa'/ of similar meaning, occurs in this document five more times, always spelled in the same way. Other examples in which the postulated Waw or Yod as the third root consonant is not evident includes Zakkur A.5 מתחה (< חניל >) 'his encampment' and מאן (< חניל >) 'vessel' C1.1:93+.

³⁴⁷ Does the ending have anything to do with Late Babylonian fractions such as *sebû* 'one seventh,' *tišû* 'one ninth,' *ešrû* 'one tenth': cf. von Soden (1995:117). רבעת in an Ashur document (Hug 1993:25,71) may be compared: ... ורבעת לקח מן 'and he took a quarter out of ...'

³⁴⁸ Despite the final ח מרבי is of mixed gender (m. in B4.2:5, 9; f. in ib.3, B3.1:6).

³⁴⁹ Similarly Segert (1975:182).

³⁵⁰ So argued for OA by, e.g., Fitzmyer (1967:147), Degen (1969:25, n. 4) and Andersen - Freedman (1992:83f.). Segert (1975:190) holds that OA scribes wished to distinguish between two similar-sounding endings, namely the st.det. and the f.sg.abs. This, however, attributes our sort of analytical grammar to ancient scribes. Beyer (1984:106) postulates /-há:ʔ/, whereas Segert (ib.) suggests /-há:/ as a second possibility beside /-ʔá:/.

If our Alef is no mere mater lectionis, it does not appear to be, *pace* Kienast (1987:45), a direct offshoot of the status determinatus morpheme /-a/ identified by him in Akkadian texts as early as the mid-third millennium BCE and borrowed even into Sumerian. Then one could still regard the absence of the determined state in Samalian as indicative of the archaic nature of the idiom.

in our period the morpheme sounded /a:/.⁽³⁵¹⁾

u) *Differences between nouns and adjectives*

Notwithstanding our earlier observation (§ 18, n. 288), adjectives and nouns differ in three important respects.

Firstly, every adjective is declinable in both genders, e.g. m. לַחָה 'evil' and f. לַחָה. It is highly exceptional that a noun should be so declined without any semantic contrast: one such rare example is יוֹם 'day' - pl.cst. יוֹמֵי A4.7:13 vs. יוֹמָה Ezr 4.15.⁽³⁵²⁾ In our corpus there occur some examples of the cst. form of the adjective: e.g. עוֹר עֵינַי 'blind of eyes' C1.1:212; חֵרֶשׁ אָזְנוֹי 'deaf of ears' ib.215.⁽³⁵³⁾

Secondly, the adjective shows a regular match between its grammatical gender and its form, whereas a masculine noun can take a typically feminine pl. ending, and vice versa.

Thirdly, the adjective is declined only in the sg. and pl., but not du.

v) *Mismatch between form and grammatical gender*

There are 1) masculine nouns which take the overtly feminine pl. ending, 2) masculine nouns which take the overtly feminine sg. ending and masculine pl. ending, 3) masculine nouns which take the overtly feminine sg. and pl. endings, 4) feminine nouns which are not so marked in the singular⁽³⁵⁴⁾, 5) feminine nouns which take the overtly m.pl. ending, and 6) feminine nouns which are not marked in the sg. as feminine and take the overtly masculine du. ending. The grammatical gender of a noun can be syntactically recognised in the light of the so-called concord or agreement, i.e. the gender of a verb, adjective, demonstrative pronoun, numeral, or a pronoun to which it relates. Some examples follow.

1) שֵׁם 'name' - שְׁמֹהֶת pl.cst. A4.4:6⁽³⁵⁵⁾

³⁵¹ Whether the glottal stop of the primitive morpheme preceded or followed the vowel *a:* is debatable. If our assumption of the primacy of the st.cst. be acceptable, the BA Tiberian form of the m.pl.det. such as שְׁמֹהֶת with a geminated Yod might speak for a following glottal stop, -*aʔ*, for the gemination may have been introduced in order to retain the preceding short *a:* /**ta:baya:ʔ*/ > /**ta:bayya:ʔ*/. For an alternative explanation, see Segert (1975:184).

³⁵² Note also יָמָן Ashur letter 16. The form יָמָן B8.7:8+ is best taken as a defective spelling of יָמָן B3.10:17 rather than = /*yawma:n*/ as in later Aramaic dialects.

³⁵³ Cf. Muraoka 1977.

³⁵⁴ For an attempt to determine which semantic categories of Aramaic nouns belong to this group, see Segert (1975:181).

³⁵⁵ The references given in these listings are where the grammatical gender

2) אמה 'cubit' A6.2:12⁽³⁵⁶⁾, pl.abs. אַמִּין B3.12:8 // אַמִּין חֲמִשָּׁה A6.2:14

3) פֶּחָה 'governor'; sg.cst. פֶּחָח A4.7:1; pl.det. פֶּחֹחָא A3.3:4⁽³⁵⁷⁾

4) אֵנֶר 'wall' B2.1:4,5; (חֲדָה) אֵלֶף 'a boat' A3.10:2—pl.cst. אֶרְקָחָא C1.2:7; אִם 'mother' D7.6:8; אֶרֶק 'land' B2.2:6—pl.det. אֶרְקָחָא A6.15:6; (חֲדָה) בְּאֵר 'a well' A4.5:6; חֶרֶב 'sword' C1.1:161; חֲפִנָּה 'handful' B3.3:6 —pl. חֲפִנָּן A6.9:3⁽³⁵⁸⁾; כַּף 'hand' B2.6:28—כַּפִּין pl.suf. C1.1:87; כֹּחַן 'tunic' A2.1:4f. (but treated as m. in נִתְחַנֵּי ib.7)⁽³⁵⁹⁾; מוֹמָה/מוֹמָה 'oath' B2.3:24⁽³⁶⁰⁾; מָח 'land' C2.1:29; נֶפֶשׁ 'soul' C1.1:122⁽³⁶¹⁾; סֶם 'moth' C1.1:121

5) אִתְחָה 'woman'—נְשִׂיאָה pl.det. A4.4:4⁽³⁶²⁾; sg.det. חֲנִטָּה 'wheat' C1.1:129—pl.abs. חֲטָן B4.1:2; מִלָּה 'word'—מִלִּיאָה pl.det. B8.7:3, + 3ms מִלִּי C1.1:43; pl.abs. פְּרִין 'bran' C1.1:160⁽³⁶³⁾; *שַׁעֲרָה 'barley,' pl.det. שַׁעֲרִיא D7.39:3; שָׁנָה 'year'—שָׁנִין pl.abs. B6.3:2⁽³⁶⁴⁾ // שָׁנָן

of the noun in question can be determined on syntactical grounds.

³⁵⁶ Other examples showing the masculine gender of the noun are: אַמִּין חֲרִין A6.2:12, A6.9:4; אַמִּין חֲמִשָּׁה A6.2:14; אַמִּין עֶשְׂרֵה וְחֲרִין A6.2:10, *pace* Hoftijzer - Jongeling (1995:70), who do not make it clear enough that there is a dialectal variation in this respect. No other noun belonging to this group is attested in our corpus.

³⁵⁷ Analogy suggests the existence in IA of כְּהָה st.abs. 'colleague.' פֶּחָה does occur in BA, e.g. Ezr 5.14.

³⁵⁸ Always spelled defectively, but חֲפִנָּן in JA. The corresponding word is f. in Syr., but m. in JA. See חֲפִן חֲדָה A6.9:4.

³⁵⁹ This could be a highly abnormal use of הִי as a fs suffixal pronoun; cf. an equally unusual use of הִי in line הִי מִלְּבַשׁ אֲנִי 'that I am wearing' ib.6.

³⁶⁰ The Alef is a radical, so that the first is an etymological spelling, the second a phonetic: see above, § 3 *n*. Since מוֹמָה B2.8:9 is clearly a st.det. form for מוֹמָחָה (note the attributive demonstrative pronoun רִכִּי), מוֹמָחָה restored by Porten - Yardeni at B7.1:5 is a ghost form and should be replaced by מוֹמָה or the like. See also Folmer 1995:111f.

³⁶¹ On the interpretive implication of the gender of the noun at C1.1:153, see Lindenberger (1983:153).

³⁶² The treatment of נְשִׂיאָה as m. at A4.7:20 is obviously unduly influenced by the form: see below § 76 *cf*.

³⁶³ On the etymology and semantics of the word, see the literature cited in Hoftijzer - Jongeling 1995:934.

³⁶⁴ We assume that the word for a dry measure 'seah' had, though unattested in our corpus, the f.sg.abs. סֵאָה as elsewhere in IA (see Hoftijzer - Jongeling 1995:772) and Syr. abs. /saːʔ/ < /sʔaːʔ/ = Heb. סֵאָה, whilst its pl. סֵאִין B3.13:3 ended with /-iːn/ as in סֵאִין in QA and a document from Nahal Hever, and in both clearly feminine (see Beyer 1984:643). For comparative data, see Nöldeke

B1.1:1

6) 'hand' A2.4:4—יד B2.6:8⁽³⁶⁵⁾; רגל 'time' (of frequency) C2.1:11.

The available evidence does not allow us to know how to classify such a pair as sg.det. חקלא A5.2:2—pl.det. חקלאה B8.10:4+.⁽³⁶⁶⁾ with אבנא, pl.cst. אבני is perhaps m., if צרף in אבוצרף A4.3:3 be a defectively spelled pass. ptc. meaning 'coloured.'⁽³⁶⁷⁾ So is צבע 'finger' in the light of צבע חד 'one fingerbreadth' A6.2:20; see also ib.16,18,19. From the evidence available in our corpus we cannot determine the gender of the noun in אנפין 'our face' A4.2:8.⁽³⁶⁸⁾ The name of a country, מצרין, is treated as f.: במצרין בתחתיתא 'the Lower Egypt' A6.10:11. See below at § 45 d.

w) *Base expanded in plural forms*

Some nouns expand their base before pl. inflectional morphemes are added⁽³⁶⁹⁾:

[1] with He - אב* 'father' (cf. אבי 'my father' A2.1:13) vs. אבהין 'our fathers' A4.7:13, A4.8:12; אבהיהם 'their fathers' D23.1 XII:5⁽³⁷⁰⁾; עק 'tree' with two pl. forms—abs. עקן C1.1:88+, det. עקיא A6.2:18, cst. עקי A6.2:10+ vs. עקון A4.7:11 // A4.8:10^(370a); שם 'name' C1.1:180, שמהם 'their name' B8.2:23 vs. שמההם 'their names' A4.6:15

[2] with Waw—כנה* 'colleague' (cf. כנהה 'his colleague' C1.1:185 and Akk. *kina:tu*) but כנורה 'his colleagues' ib.67; מאה

(1910:131), Gesenius - Buhl (1915:533), and Brockelmann (1928:453). In the light of Akk. /sa:ti/, pl. of /su:tu/ (von Soden 1965-81:1064) and Syr. /saʿta:/ the word must have begun with /sa-/.

³⁶⁵ On the gender of the noun at C1.1:157, see above (b).

³⁶⁶ Syr. /ḥaqla:/ f. (as in Peshsitta Gn 27.27); likewise in JA according to Dalman (1938:158) and Sokoloff (1990:213).

³⁶⁷ See Grelot (1972:392).

³⁶⁸ For BA and related idioms, Vogt (1971:12) indicates m., whilst some later dialects use the word clearly as f.: Syr. Peshitta /appe: biša:ta:/ in Pr 25.23 and זיין דאָס פֿאַץ 'the look of his face' Gn 4.5 of the Palestinian Targum (Klein 1986:7).

³⁶⁹ Such a process is not necessarily confined to bi-consonantal roots: see, e.g., Syr. /paʿra:/ 'land' vs. /paʿrawa:ta:/; /nahra:/ 'river' vs. /nahrawa:ta:/.

³⁷⁰ Thus distinct from later Aramaic dialects with a fem. morpheme, /-ha:n/, and accordingly restored—in line with our (TM) private suggestion—in the Tel Dan inscription, line 3 אבהיה. Cf. also Folmer 1995:211f.

^{370a} For an attempt to establish semantic opposition between the two forms, see Joüon 1934:53f.

'century' A6.2:14, מאותהם 'their centuries' A5.5:7; שפה 'lip,' pl.cst. שפוח C1.1:151, + suf. 'his,' שפוחה ib.132⁽³⁷¹⁾. A special form of root expansion is reduplication reinforced by the addition of the normal pl. ending⁽³⁷²⁾: m.pl.abs. רברבן (תרען) 'enormous (gates)' A4.8:9.

x) *Suppletion* The phenomenon of suppletion, namely complementary distribution of two distinct inflectional bases of one lexeme, is pan-Aramaic with sg. בר 'son' vs. pl. בנ- (e.g. בר B3.6:5 vs. בנ 'sons' B2.6:33⁽³⁷³⁾), and ברה 'daughter' B3.4:22 vs. בנתך 'your daughters' B3.12:26 and בנתן 'our daughters' B2.9:10); sg. אנת- 'woman' vs. pl. נש- (e.g. אנתה B2.6:32 vs. נשיא 'the women' A4.4:4).

y) *Irregular nouns*

We have mentioned above cases of root expansion (§ w) and root suppletion (§ x). It remains to mention here only בי m.sg.abs. 'house' B5.6:4+, בח/בית cst. A2.2:1+, ביתא det. B2.4:12, and בתיא pl.det. A4.4:8+. Here the absence of ח in the sg.abs. is striking. So is the absence of י in the pl., whose peculiarity, according to later traditions such as BA בתיא is further compounded on account of the geminated ת and the first vowel.⁽³⁷⁴⁾

z) It is of course impossible to say whether כלא 'totally' (also ברא etc.) was, as in BA⁽³⁷⁵⁾, stressed penultimately or

³⁷¹ Comparative Semitics (Heb. שֶׁפָּה, Arab. *šafatun*, Syr. /sefta:ʔ/) and historical developments in Aramaic (OA שפחיה, שפחיה 'his lips') show that the Waw is a secondary increment. Cowley's reading (1923:186) אחתה has now been rectified by Porten - Yardeni (1989:244) to אופסחה. Thus the pl. of אחת 'sister' (not אחת) is *אחן, and not אחון as in later Aramaic dialects (see, e.g. Sokoloff 1990:46) and Syr. Ḥahwa:ḡ. אחתה in Cowley 75:8 is now read אופסחה, C3.21:9, whatever it might mean: see Porten - Yardeni 1993:244.

Pace Garr (1985:96) there is no reason for assuming the gemination of this infixal w: note BA עֶלְנָן 'burnt offerings.' Nor does Mandaic know such a gemination: see Macuch 1965: §166.

³⁷² Just as Heb. segholate nouns like מלכים etc., if it represent a broken plural /malak/ + /-i:m/: see Jouüon - Muraoka 1993: § 96 *Ab*.

³⁷³ If read correctly, בריהם 'their sons' D23.1 Va:13 is most striking. Lemaire (1995: 90) reads with a Pe, 'leurs agneaux.'

Testen (1985) attempts to account for this *r-n* alternation by formulating a phonetic law which, however, applies to a mere two lexemes.

³⁷⁴ A spelling *bwtm* alongside *btm* and *bhtm* in Ugaritic leads Gordon (1965: Glossary, 371f.) to the view that the Hebrew בָּתִּים should be pronounced /bottîm/.

³⁷⁵ See Bauer - Leander (1927:205). If these be ancient accusatives, they are certainly no active part of the language system, but fossilised relics. Cf.

not. On their use, see below § 69 d.

§ 19. Formal patterns of nouns and adjectives

The following is a classified inventory of patterns of nouns and adjectives presented on account of some implications which our knowledge of word-formation patterns may have for grammar. In view of the considerable uncertainty and difficulty in identifying vowels of particular words in their basic form, namely, absolute state, singular, (and masculine in the case of adjectives)⁽³⁷⁶⁾, no attempt is made to classify lexemes in accordance with the conventional, diachronically and comparatively orientated scheme in terms of *qal*, *qil*, *qatl*, *qitl* etc. An asterisk signifies that the basic form is not actually attested.

a) Biconsonantal roots⁽³⁷⁷⁾

Without mater lectionis: אב* 'father' B2.10:7+; אח 'brother' B2.1:8+; אם(!) 'mother' C4.1:1+; אר kind of wood A6.2:10; בי 'house' B4.3:18+; בל* 'mind' C1.1:81; בר 'son' A3.5:9+; גץ 'chalk' D7.23:4; דב(!)* 'bear' C1.1:168; דם* 'blood' C1.1:168+; דם* (pl. tant.) 'price' A4.7:28+; חד 'one' A4.2:3+; חט(!)* 'arrow' C1.1:126+; חי(!) 'alive' A2.5:9+; חל* 'sand' C1.1:125+; חן(!) 'favour' C1.1:132; חר(!)* 'noble' A4.8:18+; טב 'good' A6.13:2+; טל(!)* 'shadow' B3.6:9; שט* 'plate' A6.2:16; יד 'hand' D7.36:1; ים(!)* 'sea' C1.1:207+; כא liquid measure C3.28:2+; כב(!)* 'thorn' C1.1:102+; כד(!)* 'vessel' A4.2:13+; כו* liquid measure D8.9:6+; כל(!)* 'all' A6.5:2+; כס 'cup' B3.8:14+; כף(!) 'ladle' B3.8:24+; כל* liquid measure C3.29:209+; מי* 'water' C1.1:191+; מין* boat part A6.2:17; מת 'dead' A2.5:9; סב 'old' B3.10:17; סס* 'worm' C1.1:119+; עם(!) 'people' D3.39:2+; עק 'wood' B3.8:19+; פם(!) 'mouth' C1.1:171+; צל(!) 'leather' B3.8:20+; קב a measure B7.1:8+; קל* 'voice' C1.1:91+; קן 'sheep' A4.10:10+; קף 'chest(?)' B3.8:19;

Segert (1975:193). However that may be, it is not right, in any discussion of the function of כלל in BA, to ignore its consistent penultimate stress.

³⁷⁶ In the case of nouns not formally marked as feminine, the m.sg.cst. form has also been regarded as equivalent for our purpose to the abs. form.

³⁷⁷ Lexemes of geminate roots are marked with !. An asterisk (*) signifies that the form so marked occurs only with some inflectional increment or conjunctive pronoun.

Lipiński (1991) prefers the term "monosyllabic" to "biconsonantal," for, according to him, middle vowels are also constitutive elements. This argument, however, would equally apply to "triconsonantal" roots. Would he prefer "polysyllabic" to "triconsonantal"?

קף (!)* 'water animal' C1.1:165⁽³⁷⁸⁾; רב (!) 'great' C1.1:60+; רם 'high' C1.1:142+; רע* 'comrade' C1.1:221+; שב 'old man' C1.1:6+; שק (!)* 'sack' D7.26:1+; שם 'name' C1.1:180+; שש 'marble' B3.8:18; שח 'six' D3.4:9+; חם (!)* 'completion(?)' C1.2:5; חרין 'two' A6.9:4.⁽³⁷⁹⁾

With fem. suffix ה- or ת-: אחה 'sister' B3.9:4+; אחמה (!)* 'cubit' B6.2:1+; אמה 'maidservant' B3.13:11+; אשה (!) 'fire' C1.1:88+; ברה 'daughter' B3.4:15+; גזה (!)* 'fleece' A2.2:8; חטה (!) 'wheat' D4.4:3+; חמה* 'anger' C1.1:140; חנה (!)* 'window' B3.12:21+; מאה 'hundred' A6.2:15+; מלה (!) 'word' A3.9:6+; מנה 'mina' A6.2:17; מנה* 'portion' A6.1:2+; מסה (!)* 'measure' A2.2:4+; מסה* grain measure B3.13:3+; סכה (!)* 'nail(?)' D7.24:3; עדה 'assembly' B2.6:26+; עטה 'advice' C1.1:57+; עלה (!)* 'income' C3.25:16; עשה* 'measuring rod' B3.5:7+; פרה* 'bran' C1.1:160; קפה* 'basket' D7.12:3+; שבה (!) 'Sabbath' D7.34:7+; שנה 'year' B3.1:7+; שרה* 'meal' C3.12:28+⁽³⁸⁰⁾; חאה* 'ewe' D7.8:2.

With mater lectionis: א(י)ש 'person' C1.1:164+; דין 'lawsuit' B2.2:12+; זון 'food' B3.1:10+; חוט 'thread' B2.6:25+; חרץ* 'palm leaves' B2.9:6; טוב* 'goodness' C2.1:69; טור* 'mountain' C1.1:62+; טיב 'satisfied' A3.3:2+; טין 'mud' C3.7Gr2:25; כיב* 'pain' C1.2:19; לוח 'tablet' D3.26:3+; מות* 'death' B3.5:21+; נון* 'fish' B7.1:6+; פיק 'tray(?)' B3.3:6+; ציר 'hinge' A4.8:9+; רוח 'wind' C1.1:104; שוק 'street' B3.4:8+; שור 'wall' A4.5:5+; שים boat part A6.2:10+.

b) Triconsonantal roots

Without mater lectionis⁽³⁸¹⁾: אבן 'stone' A4.8:9+; אבץ 'tin' C3.7Dv3:10; אגן 'basin(?)' D7.57:7; אגר 'wages' C1.1:100+; ארן* 'ear' C1.1:132+; אדר 'threshing floor' B1.1:13; און 'force' C1.1:96; אחד 'bar(?)' C1.1:83; איל* 'deer' C1.1:183; אכר* 'farmer' D8.11:5; אלה 'god' A4.3:2+; אלף 'thousand' A5.1:2+; אמן* 'artisan' A6.10:3+; אמר* 'lamb' C1.1:169+; אמר* 'saying' C1.1:86; אנפין* 'face' (pl. tant.) C1.1:14+; אנש 'person' B3.9:5+; אסי* 'physician' D2.31:3+; אסר* 'bond' B8.4:5+; אסר* 'oath' B5.6:10+; ארב 'ambush' C1.1:83+; ארז 'cedar' A6.2:10+; ארח 'way' B2.10:6+; ארי* 'lion' C1.1:94+; ארך 'length' B2.6:8+; ארע/ק 'earth, ground' B2.3:8+; אשד 'wormwood' D8.3:9 (probably error for אשל); אחן* 'she-ass'

³⁷⁸ See Lindenberger 1983:106.

³⁷⁹ Diachronically speaking, the form is a dual of the root ת-נ-י < ת-ר-י.

³⁸⁰ שרותא = שרתא?

³⁸¹ "Mater lectionis" is meant here in its etymological sense. Thus the lexeme יום 'day' is listed here, though in some parts of its inflection the Waw may not represent an etymological value of /w/ any longer.

B7.3:4+; אחר 'place' A6.10:2+; באר 'well' A4.5:6+; בוש 'shame' C1.1:185; בזק 'pebble' C1.1:205; בטן 'belly' C1.1:97+; בכא '? D8.3:15; בכי 'crying'; בכי 'weeping' D8.11:2; בלי 'worn-out' B3.8:10+; בעל 'husband' B2.1:9+; ברק 'lightning' C1.1:85; בשם 'spice' A2.2:12+; בשר 'flesh' C1.1:88; גבה 'high' C1.1:91; גבר 'man' C1.1:42+; גדי 'kid' C1.1:209; גוי 'inner' C3.19:1+; גלד 'skin' A6.16:3+; גמל 'camel' C1.1:186+; גנב 'thief' C1.1:173+; גנן 'gardener' B3.10:10+; גרם 'bone' C1.2:6; גרש 'grits' D7.33:3; גשר 'beam' A2.2:15+; דבח 'lawsuit' B2.8:10+; דבח 'sacrifice' A4.8:27+; דבש 'honey' A4.2:10; דגל 'military detachment' B2.7:10+; דגן 'grain' C1.1:129; דהב 'gold' B3.1:9; דין 'judge' B4.6:14+; דלי 'gourd' A4.1:5; דכר 'male' B2.6:17+; דכי 'pure' A4.1:5; דמו 'likeness' B3.4:21; דקק 'fine' D7.7:3; דרג 'stairway'; דרע 'arm' D7.9:4+; דרד 'glory' C1.1:92; דהלך 'tribute' A6.11:5; דלד 'corner' C1.1:192+; דלד 'gold' C1.1:192+; דלד 'olive' B3.8:20+; דלד 'male' B3.4:21+; דלד 'time' B8.9:4; דלד 'diminution' C1.1:90; דלד 'loan' B3.1:3+(³⁸²); דלד 'seed' A6.11:2+; דלד 'span' B6.2:6; דלד 'rope' A4.2:10; דלד 'companion' D7.56:2; דלד 'happy' A4.7:3+; דלד 'new' B3.5:8+; דלד 'debt' B1.1:19+; דלד 'snake' A2.5:8; דלד 'white' D6.13:1; דלד 'sin' C1.1:128; דלד 'rod' C1.1:176; דלד 'guilty' B3.8:42+; דלד 'troop; wealth' A4.6:12+; דלד 'sweet' C1.1:131+; דלד 'dream' D7.17:1; דלד 'portion' B3.5:11+; דלד 'small weight' B6.2:7+; דלד 'delight' C1.1:88; דלד 'hot' D7.17:4; דלד 'violence' C1.1:140; דלד 'wine' A4.7:21+; דלד 'ass' B1.1:14+; דלד 'jewel' B3.8:19; דלד 'heat(?)' C1.1:81; דלד 'five' A6.2:12+; דלד 'palate' C1.1:163; דלד 'part of a ship' A6.2:11+; דלד 'handful' A6.9:4+; דלד 'coarse' D7.7:3; דלד 'field' B1.1:19+; דלד 'sword' C1.1:161+; דלד 'fishing-net' D3.46:4+; דלד 'deaf' C1.1:215; דלד 'seal' D14.6:1; דלד 'son-in-law' A2.6:3; דלד 'gazelle' C1.1:168; דלד 'protection' C1.2:6; דלד 'unclean' D7.44:7+; דלד 'order' A6.2:25+; דלד '(toe-)nails' D3.27:5; דלד 'rock' C3.7Dv3:15+; דלד 'prey' C1.1:81; דלד 'day' A4.1:4+; דלד 'wine' C3.1:3+(³⁸³); דלד 'child' A2.7:3+; דלד 'month' A6.1:3+; דלד 'fetter' A4.7:16+; דלד 'false thing' B3.11:16+; דלד 'liar' C1.1:133+; דלד 'priest' A4.3:1+; דלד 'window' B3.12:21; דלד 'dog' A4.7:16+; דלד 'priest' A5.4:2+; דלד 'vessel' C3.7Gr2:8+; דלד 'wing' C1.1:107; דלד 'spelt' C3.18:10+; דלד 'garment' C1.1:204(³⁸⁴); דלד 'cover' C1.1:167; דלד 'silver' B4.5:3+; דלד 'anger' C1.1:124; דלד 'hunger' C1.1:123;

³⁸² Diachronically the Taw is no radical, for the root is ירפ.

³⁸³ Spelled ין.

³⁸⁴ Actually spelt כסוך 'your garment' C1.1:204.

'compensation' A4.2:14; כַּצַּף * 'anger' C1.1:85; כְּרָג * type of tax D7.27:8; כְּרָם * 'vineyard' B8.4:6; כָּשֶׁר 'suitable' A6.14:4; כְּתָן 'linen' A3.2:5+; לֵב 'heart' C1.1:82+; לְבָשׁ 'garment' B2.6:7+; לָחִי * 'bad' C1.1:138+; לָחִי * 'cheek' C1.1:172+; לֶחֶם 'bread' C1.1:181+; לִשָּׁן 'tongue' C1.1:156+; מֵאֵן 'vessel' B3.13:11+; מֵדָד * 'stature' C1.1:95; מֶהָר 'bride-price' B3.8:4+; מוֹת * 'death' B3.5:21; מִחָא * 'master' A4.7:15+; מֵרֶד * 'rebellious' C2.1:8; מֵרֶשׁ 'beam' B3.10:14; מֵשַׁח 'oil' A2.2:12+; מֵשֶׁךְ 'skin' A2.4:8+; נָכוֹן * 'receipt' B4.2:6; נֶגֶד * 'ruler(?)' C1.1:10; נֶהָר * 'river' D7.9:14+; נֹק 'damage' A4.2:14; נֹחַשׁ 'bronze' B2.6:12+; נֹשֵׁחַ * 'attacker(?)' C1.1:103; נִיחַ * 'quiet' C1.1:92; נִמְר * 'leopard' C1.1:210+; נִסְךְ * 'libation' D7.9:1+; נִפְא type of lawsuit B2.9:4+; נִפְשׁ 'soul' C3.9:5; נִנְקִי * 'lamb' A2.2:8+; נִשְׁן 'woman, lady' B3.4:3+ (pl.); נִטְרֹן 'natron' C3.7Kv2:4+; סָבֵר 'porter(?)' C3.27:31+; סָגֵר * 'confinement' D7.10:2; סֵדֶר * 'order' D6.3:4; סִגְרִי * 'sun' B3.6:9; סִי * 'thorn bush' C1.1:101+; סִי kind of iron C3.7Fv2:14+; סֹפֵר 'scribe' C1.1:18+; סֹפֵר 'document' B2.1:20+; סֹחֵר 'secret' C1.1:111+; עֶבֶד 'slave' B2.11:17+; עֵבִי 'thick' A6.2:14; עֵבִי 'thickness' A6.2:18; עֹדֵב * 'lot' C1.1:136; עֹדֶרֶד 'time, number(?)' C1.1:83; עֹדֶן 'set time' A4.7:26+; עֹדֶר * 'help' C1.1:126; עֹל * 'cloth(?)' A6.2:13+; עֵינַי * 'eye' C1.1:212+; עֶלְם 'eternity' B2.9:9; עֵלַע * 'rib' C1.1:90; עֵמַל * 'labour' A3.6:2; עֵמֶר 'wool' B2.6:7+; עֵז * 'goat' D7.1:10+; עֵרֵב 'guarantor' A2.3:9+; עֵרֶד * 'wild ass' C1.1:204+; עֵרֵר * 'cold' C1.1:166; עֵרֶר 'legal claim' C1.1:103; עֵשֶׁךְ 'eternity' B2.9:9; עֵשֶׁק 'injustice' A5.2:9+; עֵשֶׁק * 'ten' B2.3:14+; עֵשֶׁר * 'wealth' C1.1:206; פָּגַע 'meeting' C1.1:184; פָּגַר * 'corpse' C1.1:63+; פָּלַג 'half' B2.4:11+; פָּסַח * 'passover' D7.6:9+; פָּסֵק 'section(?)' D3.27:3; פָּרִי 'produce' D11.7:9+; פָּרַס 'salary' A3.3:3+; פָּרַס small dry measure B1.1:5+; פָּרֶשׁ 'horseman' A6.12:2; פָּשֶׁךְ 'handbreadth' B3.8:8+; פָּחִי 'breadth' B3.8:6+; צָבֹו 'desire' A4.3:6+; צָבַע 'colour' B2.6:8+; צָבַע 'finger' A6.2:20+; צֹוֶה 'order' A4.2:14; צָפֶר * 'morning' D3.47:9; קֶדֶל 'neck' C1.1:134; קֶדֶשׁ * 'holiness' C1.1:79; קֶשֶׁר * 'cucumber' D7.3:2; קֶשֶׁל 'execution' C1.1:46; קֶיֶם 'enduring' A3.10:7; קֶיֶם * 'covenant' B5.6:10; קֶמַח 'flour' A6.9:3+; קֶמֶר 'wool' A3.8:9+; קֶנֶי 'reed' C3.13:6+; קֶפֶס * 'granary' D1.30:2; קֶפֶף 'chest(?)' B3.8:17; קֶפֶח * 'basket' D7.7:4; קֶצֶח * 'part' B4.5:3+; קֶרֶב 'battle' C2.1:57; קֶשֶׁי 'hard' C1.1:85+; קֶשֶׁת * 'bow' C1.1:190+; רֶאשׁ 'head' B4.2:5+; רֶבַע 'fourth' C3.7Gr2:9+; רֶגֶל * 'foot' C1.1:170+; רֶחֶם * 'friend' C1.1:112+; רֶחֶם (pl. tant.) * 'mercy' B5.2:10+; רֶכֶב * 'horseman' A6.12:2+; רֶכֶל * 'peddler' A4.3:4+; רֶכֶשׁ * 'horse' A3.11:2+; רֶמֶן 'pomegranate' B3.8:18+; רֶעִי 'shepherd' D7.1:3; שֶׁן * 'shoe' C1.1:205; שֶׁרֶק 'sharp cutting' C1.1:84; שֶׁהָר 'witness' B4.1:5+; שֶׁר 'side' B2.1:5; שֶׁר 'remainder' D7.27:6+; שְׁבִי

'captivity' C1.2:5; שבע 'seven' B3.7:4+; שוי 'equal' B2.6:8+; שחד 'bribe' A4.2:4; שחל * 'cress' D7.45:8; שייט * 'sailor'; שכר 'intoxicating drink' A6.9:3+; שלי 'calm' C1.1:130; שלם 'welfare' A3.4:5+; שמי * (pl. tant.) 'heaven' C1.1:79+; שמש 'sun' B2.2:9+; שנט * 'ripped' A2.1:4; שן 'pair' B3.8:20+; שפי * 'flat' C1.1:161; שקל 'shekel' B2.6:12+; שחל * 'dry land' A6.2:8+; שכן 'straw' C1.1:160; שחן * 'chamber' B3.5:6+; שור 'bull' A4.10:10; שחל * 'weapon' A4.7:8+; שחל * 'three' A6.9:3+; שקל 'shekel' B1.1:13+; שער 'gateway' B2.1:3+.

With fem. suffix -ה or -ת: אחרה * 'other' B2.6:32+; אילה * 'doe' C1.1:182; אלהה * 'goddess' B2.8:5+; אשה * 'wife' A2.4:3+⁽³⁸⁵⁾; אנה * 'woman' B2.6:32+; ברכה * 'blessing' D7.1:1; דבלה * 'cake of figs' D1.11:2; הלכה * 'going' C2.1:16; זבנה * 'purchase' B3.12:31; חנשה * 'striped cloth' A2.4:10; חכמה 'wisdom' C1.1:105+; חנשה * 'wheat' C1.1:129; כאיה 'rebuke' C1.1:178; כרבה * 'lie' C1.1:132+; כחיבה * 'writing' D22.51:2; לבנה * 'brick' B4.3:18+; לחנה 'female temple servitor' B3.12:2+; מחאה 'blow' C1.1:178; מלאה * 'full value(?)' B1.1:9; מלכה * 'queen' A2.1:1; מנחה 'meal offering' A4.10:11+; מראה * 'mistress' A3.7:2+; משה * 'measurement' B2.4:4+; נפקה 'expense' C3.27:29+; נקבה 'female' B3.4:21+; סבלה * 'burden' D11.2:4; סמכה * 'support(?)' C3.7Jv2:19+; סערה * 'barley' D7.12:4; עזקה 'ring' C1.1:60+; עלוה 'burnt offering' A4.7:28+; ענה 'poverty' C1.1:89; עשרה * 'ten-weight' B3.9:8+; צדקה 'merit' A4.7:27+; צהוה 'thirst' C1.1:123; צפחה 'griddle' D7.57:8; קבלה 'complaint' A6.8:3; קדמה * bow of a boat(?) A6.2:11; קומה * 'stature' A6.2:11; קרבה * 'offering' D20.2:1; קריה 'city' B6.3:7+; רחמה 'love' B3.7:14+; רפאה 'cure'; רקעה piece of cloth A6.2:20+; שנאה 'hatred' B3.3:8+; שפחה * 'barley' B4.1:2+; שפה * 'lip' C1.1:151+; שארה 'remainder' B3.8:23+; שררה 'strength' A3.3:1.

With mater lectionis: אנוש 'human being' D8.42:24; אסיר * 'captive' A4.4:5+; ארון 'chest' A2.5:4; אריך * 'long' A4.7:3+; באיש 'evil' A6.7:8+; בנוי 'construction' B2.4:12; בשים 'perfumed' D3.16:8; הדיר 'splendid' C1.1:206; זלוע 'jug' B2.6:13+; זעיר 'small' D7.14:11+⁽³⁸⁶⁾; חליף 'striped' B2.6:7+; חכים 'wise' C1.1:1+; חמיר 'leaven' A4.1:6; חסין 'strong' C1.1:89+; חציף 'impudent' C1.1:143; חשך 'darkness' C1.1:173; חחיל 'string(?)' A4.2:10; מעון 'load' C1.1:186; ימין 'right' B3.6:3+; יקר 'heavy' C1.1:159+; יחיד 'exceeding' A5.3:2+; כביר 'large' C1.1:136+; כדיב 'liar' C2.1:65; כציר 'harvest' C1.1:127; כשיט * 'honest' C1.1:158; כחן 'tunic' A3.3:9+; לבוש 'clothing' B2.8:4+; מדיד 'skilled' C1.1:1; מריר 'bitter' C1.1:89+; נשיף (?) 'pure'

³⁸⁵ On the problematic spelling with Shin instead of Taw, see above at § 2 c.

³⁸⁶ Possibly with a diphthong /ay/.

D8.2:2+; סבול 'support' B5.5:4+; סורר* 'hiding place' C1.1:183; סוס* 'horse' A6.12:2+(³⁸⁷); סחיק 'worn-out' A3.8:10; סכין 'knife' C1.1:88+; ספיק* 'sufficient' D6.8:1; סרים 'eunuch' C1.1:61+; עבור 'grain' B2.9:6+; עויל 'child' C1.1:215+; עיר 'blind' C1.1:212+; עזוז 'strong' C1.1:83+; עטיק 'old' B3.11:15; עמוד* 'column' A4.7:9+; עמיר 'fodder' A6.9:4; עחיק 'old' B2.3:16+; עחיר* 'rich' C1.1:206; פקיד 'official' A5.5:2+; פריץ(?) 'licentious' C1.1:179; פתור 'table' D3.22:1; צדיק 'righteous' B7.3:6+; צריף 'refined' B2.1:7+; קלול liquid measure C3.12:4+; קליל 'light' C1.1:38+; קפיר* 'pot' D7.9:12+; קריב 'near' B2.1:9+; רביע 'fourth' B4.2:2+; רחים 'beloved' C1.1:163+; רחיק 'distant' B2.2:15+; רכך 'soft' C1.1:84+; רשע* 'wicked' C1.1:107+; שגיא 'abundant' C1.1:90+; שפיק 'sufficient' A6.10:3+; שאול 'netherworld' C1.2:6; שביט 'shawl' B2.6:9+; שליט 'having power' B2.4:6+; שפיע* 'copious' C1.1:74; שפיר 'beautiful' C1.1:95+; שריר 'firm' A4.7:3+; תחום* 'border' B2.2:7+; תמים 'perfect' D1.16:2; תקין(?) 'firm' C2.1:70.

With fem. suffix ה- or ת-: בוזה* 'spoil' C1.1:104; בתולה 'virgin' C1.1:134; גזירה 'decree' D7.35:11; חליפה* 'substitute' A6.2:13; כדונה* 'she-mule' D22.1:2; כתיבה* 'writing' D7.9:4+; לבונה 'incense' A4.8:21+; מלוכה* 'kingship' B2.2:1+; ספינה 'ship' C3.7Jv2:4+; עבדה 'construction' C1.1:127+; ערובה 'eve' D7.8:7; פסילה 'cut stone' A4.7:10+; קבילה 'complaint' A6.15:5+; שניחה* 'slave mark' B8.2:4+.

c) *Stems or compound words with more than three consonants*—אבנצור 'dye stone' A4.3:3; אוצר 'treasury' B3.7:7; טלפח* 'lentil' B4.3:5+; כברי 'sulphur' A6.2:17+; כוכב* 'star' C1.1:164; כנכר 'talent' A6.2:17+; כרסא 'throne' C1.1:133+; לילי* 'night' C1.1:80; נעבץ* 'stone inlay' B2.6:15+; נשחט* 'finely-woven(?)' B2.6:10; עלים 'boy' A4.3:8+(³⁸⁸); עקרב 'scorpion' C1.1:180; פרוז 'iron' B2.8:4+; פרכס 'box' B2.6:16+; פשרן 'fail' D7.20:2+; צפר 'bird' C1.1:82+; שארי* 'remainder' B8.1:11+; חולע 'purple' A6.16:3; חותב 'resident' C1.1:160; חימן 'south' C1.1:134; תמני* 'eight' B3.8:16.

With fem. suffix ה- or ת-: ארמלה 'widow' A4.7:20+; חרבלה 'hat' A3.2:6; עלימה 'girl' C3.26:37+(³⁸⁹).

d) *With suffix* -י: אחרי 'other' C3.27:29+; ארמי 'Aramaean' B2.1:2+; בבלי 'Babylonian' B2.2:19; בחרתי 'Bactrian' D2.12:2+; גוי 'inner' C3.19:1; ורכני 'Hyrcanian' B8.3:3; חורי 'white' A6.9:3; יהודי 'Khwarezmian' B2.2:2+; חרומי 'Cilician' D6.7:2+; ח(י)לכי

³⁸⁷ See § 18 r (1), and n. 341.

³⁸⁸ The root is ע-ל-מ. The noun is of *qutayl* pattern for diminutives.

³⁸⁹ The root is ע-ל-מ.

'Jew' B2.2:3+; יוני 'Ionian' C3.7Jr5:25+; *כלבי 'curlike' A4.7:16+; כספי 'Caspian' B2.7:18+; *כרכי 'Carian' A6.2:3+; כשי 'Nubian' D23.1 Va:8; מגשי 'Magian' B3.5:24+; מדי 'Median' B3.6:17+; מצרי 'Egyptian' C3.19:33+; נכרי 'foreign' C1.1:159+; *עלי 'upper' A6.4:3+; ערבי 'Arabian' C1.1:207+; פרסי 'Persian' C2.1:19+; צידני 'Sidonian' C1.1:207+; צעני 'Zoanite' C1.2:25; *קדמי 'former' A6.10:1; תחתי 'lower' B3.5:8+.

e) *With suffix* כרתיך 'Cretan' B8.3:1.

f) *With suffix* -ן [= -a:n?]: אחרן 'other' B2.4:8+; אלפן 'discipline' C1.1:178; בנין 'building' B3.4:22; דכרן 'memorandum' D3.1:1; זכרן 'memorandum' A4.9:1+; חסרן 'loss' A4.3:9+; יתרן 'surplus' C3.11:6; מנין 'number' B4.5:3+; ערבן 'pledge' B3.1:13+; קנין 'division' B2.11:17+; פקדן 'deposit' B2.9:7; פשרן 'delay'; קנין 'possession' B2.8:4+; רחמן 'merciful' C1.1:53+; *ריקן 'empty' C3.7Ar2:18+; *שהין 'desolation' C1.1:104; *שלטן 'power' D7.56:12; תנין 'second' B3.1:7; תנין 'sea serpent' C1.1:90(?).

g) *With suffix* סתכן 'Syenian' B5.2:2⁽³⁹⁰⁾; סיכן 'Saite' B8.6:5+.⁽³⁹¹⁾

h) *With suffix* ו [= *u:]: אנהו 'wifhood' B2.8:4+; *הימנו 'trustworthiness' C1.1:132; מלכו 'kingdom' C1.1:79; *מררו 'bitterness' C1.1:123; שהדו 'witness' D1.17:6; *שלמו 'perfection' C3.7Kr4:21+; שרחו 'foulness(?)' C1.1:106; שחזת 'sixth' C3.7Fv2:2+.

i) *With prefix* א: ארבע 'four' A6.2:16+; *אחבר (only in the pl. 'his colleagues' D7.56:3); ארמלה 'widow' A4.7:20+.⁽³⁹²⁾

j) *With prefix* מ: מאכל 'food' B8.1:14+; מבשים 'scented' B3.8:20; מדבח *'altar' A4.7:26+; מדינח 'east' B3.7:7; מהימן 'trustworthy' A2.1:9; *מובל 'burden' C1.1:185+; *מוון 'scales' B2.6:24+; מומא *'oath' B2.8:9+; מועא 'east' B2.3:4+; מוחב 'seat' D23.1 Va:9; מזרק *'bowl' A4.7:12+; מחזי 'mirror' B2.6:11+; משלל 'roof' A4.8:10+; מכל *'food' D8.8:4; ממלל 'speech' C1.1:84+; מגדע 'intelligence' C1.1:53; *מסגד 'veneration' B7.3:3; *מסמר 'nail' A6.2:16+; *מסתר (?) 'secret' C1.1:141; מערב 'west' B3.5:7+; מעשר 'tithe' C3.7Kr2:19+; מקרא *'script' B2.11:4+; *מקרי 'declaration' B7.2:6; מרבי 'interest' B4.2:7; *מרזח '?' D7.29:3; מרחק 'withdrawal' B2.2:22+; משאן 'shoe' A3.2:2+; משחק 'worn-out' D7.26:3; *משחל 'basket(?)' D7.57:9.

With fem. suffix ה or ת: מאסרה 'bundle' D7.28:3; מדינה 'province' A6.9:5+; *מנטרה 'watch' A4.5:1; *מ(נ)ציעה 'middle' C3.28:112; *מתקלה 'weight'

³⁹⁰ See § 18 h, n. 302.

³⁹¹ See § 18 h, n. 302.

³⁹² On the etymology of the word, cf. Gesenius - Buhl 1915: s.v. אֶלְמָנָה.

full' A6.13:4; 'necessary' A6.2:9; אפסי 'A6.2:12; כל(י) ארד(י) 'architect' B2.8:2+; ארדב 'ardab' B4.4:4+; *משל measure of area C3.21:8+; ארדב 'carpentry work' B3.4:23+; ארדב 'brazier' A4.5:17; ארדב 'gate' C1.1:17+; ארדב 'domain' C3.6:214+; ארדב *בדיכר 'artist(?)' A6.12:2; ארדב *כירה 'fortress' B2.2:3+; ארדב *חנצל 'chancellor' A6.2:23; ארדב *גומא 'papyrus reed' B2.6:15; ארדב *גומא 'treasure' B8.5:2+; ארדב *גומא 'harsh' A6.7:5+; ארדב liquid measure C3.28:85+; ארדב 'domestic staff' A6.10:2+; ארדב 'staff of craftsmen of all kinds with sufficient numbers' A6.10:1+; ארדב *גומא 'beam' D13:3; ארדב *גומא 'ill-willed' B8.4:2; ארדב *גומא 'crime' A4.5:3; ארדב 'peace' D17.1:5; ארדב 'wall' A6.2:20; ארדב *גומא 'southern room' B3.10:13; ארדב (!) 'door' B3.10:13+; ארדב *גומא 'gift' A6.4:1+; ארדב *גומא 'accrued increment' A6.13:5; ארדב *גומא 'joint holding(?)' B8.10:5; ארדב *גומא 'accountant' D3.28:2; ארדב *גומא 'partner in realty' B3.10:18+; ארדב *גומא 'partner in chattel' B3.6:5+; ארדב *גומא 'paint(?)' A6.2:5+; ארדב *גומא 'order' A6.13:3+; ארדב *גומא 'guardian of the seventh' B.39:2+; ארדב *גומא 'vessel' C3.28:107+; ארדב *גומא 'of every kind' A6.10:3+; ארדב *גומא 'plenipotentiary' A6.5:2+; ארדב *גומא 'weight' B4.3:17+; ארדב *גומא 'damages' A6.15:8; ארדב *גומא 'arsenic' A6.2:17+; ארדב *גומא 'gun-wale(?)' A6.2:12+; ארדב *גומא 'straw' B2.6:25+; ארדב *גומא 'praiseworthy' D2.5:4; ארדב *גומא 'offering-table' D20.1:1; ארדב *גומא 'boat part' A6.2:10+; ארדב *גומא 'barley-house' A4.5:5; ארדב *גומא 'revolt' A6.11:2+; ארדב *גומא 'colleague' C1.1:185+; ארדב *גומא 'diminishment' A6.10:2+; ארדב *גומא 'slander' D20.5:2; ארדב *גומא 'measure of weight' A3.2:10+; ארדב *גומא 'wrath' A3.3:10+; ארדב *גומא 'temple servitor' B3.3:2+; ארדב *גומא 'magus' C2.1:75; ארדב *גומא 'tax' C3.11:8+; ארדב *גומא 'board' C3.7Gr3:25; ארדב *גומא 'sailor' B2.2:11+; ארדב *גומא 'a tax' D6.13:1; ארדב *גומא 'excellent one' D20.6; ארדב *גומא 'poor' C2.1:68; ארדב *גומא 'burnt offering' A4.10:10; ארדב *גומא 'region' B8.1:17+; ארדב *גומא 'region(?)' B4.3:3; ארדב *גומא 'carpenter' A6.2:9+; ארדב *גומא 'boat-man' A6.2:7+; ארדב *גומא (pl. tant.) 'property' A4.7:16+; ארדב *גומא 'the Lord of the Two Truths'; ארדב *גומא 'total' C2.1:49+; ארדב *גומא 'litigation' B8.9:5+; ארדב *גומא 'people' A6.11:4+⁽³⁹⁵⁾; ארדב *גומא 'document' A6.1:3; ארדב *גומא 'prefect' B2.3:13+; ארדב *גומא 'corporal punishment' A6.3:6+; ארדב *גומא 'stater' C3.7Dr1:9+; ארדב *גומא 'governor' A4.7:1+; ארדב *גומא 'mooring post(?)' A6.2:12; ארדב *גומא 'dish' D7.57:8; ארדב *גומא 'scribe of the book of God'; ארדב *גומא 'after-gift' B3.11:9+; ארדב *גומא 'prow(?)' A6.2:12; ארדב *גומא 'plank(?)' C3.7Dv5:1+; ארדב *גומא 'foreman' A6.2:4+; ארדב *גומא 'foremost aide(?)' A5.2:7; ארדב *גומא 'openly' C1.1:67; ארדב *גומא 'governor' B2.9:4+; ארדב *גומא 'sentence' A6.8:3+; ארדב *גומא 'investigator'

³⁹⁵ An Akkadian loan-word always in the st.cst., נשי בי 'household staff.'

A4.2:3; פתכר 'idol' A6.12:2+; פתכר 'sculptor' A6.12:1; פתחו 'praiseworthy' A6.16:4; צפה 'D8.10:1+; קנר/רתעא large sea-going vessel(?); קנר/רתערי small sea-going vessel(?) C3.7Ev1:14+; קנחתי 'divine shrine' B3.10:9+; *רבי 'young man' C1.1:41; רסי 'southern' B3.11:3; רסחכה 'market' (?) C3.21:2+; שח *'rioting(?)' A6.10:4; שושן *'groom' A3.11:3+; שנטא 'garment' B3.8:11; שף 'A6.2:19+; תחית 'courtyard' B3.7:5+; תיפתחא 'overseer' A4.5:9; תמא/תמי '?' B3.5:10+; תמים 'panelling(?)' A6.2:13+; תמנחא 'the excellent one' D20.5:1; תסהרא 'royal barque' C1.2:1; תקבה 'vessel' A2.1:5+; תקם 'castor oil' A2.2:13+; תרבץ *'court(yard)' B3.7:4+; תרי 'room' B3.5:3+; תשי 'customs duty' C3.7Kv2:8+.

§ 20. Prepositions.

These are a series of words which take on some meaning only by being prefixed to the following word or conjunctive pronoun. They are unlike nouns, adjectives, verbs etc. which, on their own, mean something. Description of these "meanings" is a lexicographer's task. The prepositions attested in our corpus with their necessarily approximative gloss are: אחר 'after,' e.g. אחר מוחי 'after your death' B3.5:17+; אחרי 'after,' e.g., אחרי מוחך 'after your death' B3.6:14; אל 'to,' e.g., אל חשי 'To Tashai' A2.2:18 (no example with a conj. pron., and only in letter addresses); ב- 'in,' e.g., בממפי 'in Memphis' B8.2:10; בין 'between'(³⁹⁶); חלף 'in exchange for,' e.g., חלף פלגה 'in exchange for its half' B7.3:8; כ- 'as, like,' e.g., כמליא אלה 'like these words' A6.11:3; כוח 'according to,' e.g., כוחה 'according to it' A6.2:24; ל- 'to; for,' e.g., לאמך 'for your mother' A3.3:10; להן 'other than,' e.g., להן אחי 'other than you, except for you' B2.3:11; לוח 'towards,' possibly in לוח פמך 'towards your mouth' C1.1:81, if not ... להן 'but ...'; מן 'from,' e.g., מן יומא 'from this day' B2.6:4; עד 'till,' e.g., עד כען 'until now' A4.3:7; על 'on; against,' e.g., יקום על ידניה 'shall stand up against Jedaniah' B3.9:7(³⁹⁷); עלוי 'upon,' e.g., עלוי אנרא וך 'to build on that

³⁹⁶ Cp. בין תמת ובין ענני 'between Anani and Tamet' B 3.3:11 and בין תמת ובין ענני ib.12.

³⁹⁷ In C1.1:36 the preposition indicates an effect or consequence to be borne. This is a Northwest Semitic lexical isogloss: on BH, see Jolton - Muraoka (1993: § 133f), on Phoenician, Ahiram 2 נחת חברה 'may peace flee from Byblos!,' and on Moabite, Mesha 14 אחז נבה על נבל ישראל.

על B3.8:26 seems to mean 'next to, beside,' an unusual sense, though well known to BH, e.g., Gn 24.13 עין המים נצב על. A scribal error for תחת, תחת etc. is unlikely in view of the similar expression elsewhere

wall' B2.1:6; עם 'with,' e.g., עם אחוהי 'with his brother' C1.1:49; קבל 'corresponding to,' קבל חמר 'homer for homer' B1.1:5; קדם 'before' (locative), e.g., קרבתה קדם אסרחאדן 'I presented him before Esarhaddon' C1.1:10; קדמת 'before' (temporal), e.g., קדמת זנה 'prior to this' A4.7:17; תחת 'under,' e.g., תחת חלא 'under the gun-wale(?)' A6.2:12. It suffices to note a few morphological features which are characteristic of them.

a) Use of conjunctive pronouns

When an element following a preposition is equivalent to a personal pronoun, the latter is expressed in the form of a conjunctive pronoun: thus "to" + "she" = ל + הי > "to her" = לה.

b) Proclitic prepositions

The prepositions ב, כ, and ל, all monosyllabic just like the conjunction ו, are proclitic. Their graphic unity with the following word or words appears to indicate that they also formed a phonetic unit.

c) Extra final Yod before conjunctive pronouns

Some prepositions end with the letter Yod and behave like masculine plural nouns when they govern a conjunctive pronoun: אחר⁽³⁹⁸⁾, בלעד⁽³⁹⁹⁾, (מן) עלוי⁽³⁹⁹⁾. A second group lacks such a Yod when it governs a self-standing word, but behaves like the first group only when a conjunctive pronoun is added: על, חלף⁽⁴⁰⁰⁾: e.g., אחרי מותי 'after my death' B3.5:21 vs. אחריך 'after you' B2.4:13; מן בלעד⁽⁴⁰⁰⁾ מלח מלך 'except for (or: without ..., namely without royal intervention) a king's word' B1.1:11 vs. בלעדיהם 'without them' D23.1 XII:3; חלף אחיקר 'instead of Ahikar' C1.1:62 vs. חלפיה 'instead of him' A6.4:3; על זנה 'about this' A3.3:4 vs. עלוהי 'about it' A3.10:7; עלוי אנרא זך 'above that wall' B2.1:6 vs. קדם אלה 'on it (= אנרא 'the wall' [a fem. noun])' B2.1:11; קדם שמיא 'before the god of heaven' A4.3:2 vs. קדמך 'before you' A6.5:1. Having regard to other dialects, one may assume that בן behaved in the manner of the second group only when followed by a conjunctive pronoun for the plural like ביניהם 'between them'

(B2.6:23). Nor is the sense 'to return to' likely with על + an inanimate object: see below, § 74 i.

³⁹⁸ The loss of Yod in אחר with a noun as in אחר מותכי may be based on the analogy of its antonym קדם.

³⁹⁹ Cf. Syr. /ella:way/ and JA, e.g., מעלקי, on the latter of which see Dalman (1905:229).

⁴⁰⁰ No example is found in our corpus of תחת 'under' with a conjunctive pronoun. Note, however, לתחתך 'under you' Pap. Amherst 63:12/13, 14.

B3.4:8.⁽⁴⁰¹⁾ The remainder of the prepositions display no such peculiarity.⁽⁴⁰²⁾

d) Compound prepositions

Some prepositions come together to form compound prepositions: thus 'after me' C2.1:77; מן בלעדי 'without; except' B1.1:11⁽⁴⁰³⁾; לקבל 'according to' A4.3:9, C1.2:24+; בר מן 'except' in a compound conjunction מן זי בר 'unless' B3.3:14⁽⁴⁰⁴⁾; מעל 'above' B2.10:8+; מן קדם 'from before' in B3.11:13+; מן תחת 'from under' B3.3:13; [ע]ד ל- 'until' C1.1:52; עלי ל- 'above' B3.7:6; תחת ל- 'below' B3.7:5.

e) Prepositions + nouns = pseudo-prepositions

Another category of compound prepositions are combinations of prepositions and nouns. The degree of cohesion of some such combinations is shown in the way they are written, being run together. E.g., בנו 'inside' B2.1:15+; בטלל 'with the help of' A4.3:5+; ביד 'in the hand of,' i.e. through the agency of; במציעה 'in the middle of' A4.5:5,6; בשם 'concerning' B2.3:12+; כפם 'at the instruction of' B3.9:9+; ליד 'under the control of' B8.6:1+; לערע 'in the presence of' A3.5:7; לערק 'towards' C2.1:15+, ib.9 (see § 2 d); עליד 'by the hand of' A6.2:21; על דבר⁽⁴⁰⁵⁾ 'on account of' B2.2:6+; על פם 'according to' B4.4:18+; מן לעלא 'above' C1.1:162; מן שטר 'except' B2.10:13; לאפ(י) 'in the presence of' C3.28:91.

§ 21. Numerals

One may include under this heading, in addition to the traditional class of cardinal and ordinal numerals, some quantifiers such as כל, שניא, קליל, קצת, but these latter, morphologically speaking, are not essentially different from other ordinary nouns.

a) Cardinals

These are often given as ciphers, hence their relative infrequency in spite of the nature of our documents where numbers figure prominently. As is the case in Semitic languages in general,

⁴⁰¹ בִּינִי A3.10:2 is to be vocalised בִּינִי or בִּינִי.

⁴⁰² Or some of them are not attested with a conjunctive pronoun, e.g. אל, ער.

⁴⁰³ B2.6:22 and B3.3:7 is better interpreted as 'in an assembly' (Porten - Yardeni 1989:33,63) rather than 'in his favour' (Segert 1975:229).

⁴⁰⁴ The correction of the text at B3.4:21 appears to have been left incomplete: one expects בר מן זי אפולי 'unless a son of A. ..' for בר מן זי אפולי.

⁴⁰⁵ Cf. § 3 b above.

the cardinal numerals for "one" to "ten" and any compound numeral which contains a unit numeral such as 12, 23, 234 come in two series, one unmarked and the other marked with the typically feminine sufformative. The marking for the numeral for "two," however, is made by means of an infix: תרתי vs. תרין.

When an object is counted, the marked series is used with a noun whose grammatical gender is masculine and the unmarked series with a feminine noun, with the exception of the numerals for "one" and "two." Thus:

בן תלת	'three daughters'	בנין תלתה	'three sons'
בן תרתי	'two daughters'	בנין תרין	'two sons'
ברה חדא	'one daughter'	בר חד	'one son'

UNMARKED

MARKED

"1" חד A4.2:3	חדא A4.5:17
"2" תרין C1.1:67 ⁽⁴⁰⁶⁾	תרתי C1.1:187; cst. תרתי C2.1:11†
"3" תלת A6.9:3	תלתה A6.2:10; תלתא C1.1:187† ⁽⁴⁰⁷⁾
"4" ארבע A6.2:16	ארבעה B3.1:4
"5" ?	חמשה B3.5:15
"6" ?	שתה B5.5:3
"7" שבע B3.7:4	שבעה B3.8:16
"8" ?	חמניה B3.8:16,23†
"9" ?	?
"10" ?	עשרה A6.2:11 ⁽⁴⁰⁸⁾
"12" ?	עשרה ותרין A6.2:10,11†
"15" ?	עשרה וחמשה A6.2:11†
"20" ?	עשרן A6.2:16
"25" ?	עשרן וחמשה A6.2:16

⁴⁰⁶ On the etymological relationship between the cardinal root -תר- and ordinal -תנ-, cf. Segert (1975:216).

⁴⁰⁷ This last form following וי has the force of an ordinal, "third." Leander (1928:115) and Kottsieper (1990:104f.) see here the st.det. of תלת, and the latter further holds that the gender of the numeral must agree with that of the noun in question. But Nöldeke (1898:178) mentions Syr. /yawma:ʔ daṭre:n/ 'the second day' and /da:ra: daṭma:nya:/ 'the eighth generation.' This question calls for further investigation.

⁴⁰⁸ The form עשרתא 'the tenner,' which occurs in formulas for indicating a pecuniary amount to be paid as in לעשרתא 2 כסף ר 'silver 2 q(uarters) to the ten' B2.2:15+, is usually taken to refer to the weight of ten shekels, but it is sometimes paralleled by a cipher for a numeral, not a substantive: e.g. in כסף 10 ל 2 ר B2.6:7.

"30"		תלתין B3.9:8 ⁽⁴⁰⁹⁾
"50"		חמשין A6.2:15
"60"		שתין A6.2:12
"70"		שבעין A6.2:11
"80"		תמנין A6.2:10,14† ⁽⁴¹⁰⁾
"90"	?	
"100"		מאה A6.2:14; pl. מאותין D5.41:1 ⁽⁴¹¹⁾
"150"		מאה וחמשין A6.2:15†
"180"		מאה ותמנין A6.2:14
"200"		מאתין A6.2:13, cf. BA Ezr 6.17 מאתין.
"250"		מאתין וחמשין A6.2:14
"275"		מאתין שבעין וחמשה A6.2:15
"400"		ארבע מאה A6.2:16†
"425"		ארבע מאה עשרין וחמשה A6.2:16
"1000"		אלף A4.8:27 ⁽⁴¹²⁾

From the table above one may make the following observations, which are bound to be somewhat tentative on account of incomplete attestation:

b) Higher numerals, composite numerals

"Tens" (= 10 x c)⁽⁴¹³⁾ are the plural of the form for the corresponding unit as in Semitic in general. This seems to apply to "20," spelled defectively עשרין, which accords with BA spelled plene, but vocalised as pl.: Dn 6.2 עֶשְׂרִין If the du. were intended, one would expect עשרין⁽⁴¹⁴⁾ in our corpus: see above § 18 i.

As regards composite numerals, the descending order is

⁴⁰⁹ Leander (1928:116) and Segert (1975:218) read the difficult form ארבעיא C3.28:1 as the only instance of the st.det.pl. of a ten, 'the forty' (so Cowley already). Porten - Yardeni (1993:263): 'fours/fourths'; Grelot (1972:112): 'quart.' Cf. Degen 1979:30.

⁴¹⁰ It is not immediately apparent whether the form is, as in תלתין, spelled plene or not. For the possibility that the Yod may be consonantal, cp. JA תמנין (Dalman 1905:127), Syr. /tma:nin/ beside <tmn'yn> (unvocalised) (Nöldeke 1898, 1966:93). תלתין, moreover, invalidates Leander's explanation: "תמנין im Gegensatz zu allen anderen Zehnern mit einem ruhenden ' , vielleicht um die zwei ן von einander zu trennen' (1928:116). See also (Degen 1979:30) and Beyer (1984:460).

⁴¹¹ Though not strictly a numeral, מאותהם 'their centuries' A5.5:7 is consonant with the partly restored form given here.

⁴¹² אלפי C1.2:7 is more likely 'the ships of' (Porten - Yardeni 1993:54) than 'thousands of' (Leander 1928:116f.; Segert 1975:219).

⁴¹³ c stands for an integer from 1 to 9.

⁴¹⁴ Segert erroneously gives עשרין K7.32 (= B3.8:32).

used for the arrangement of their constituents.⁽⁴¹⁵⁾ For "11" to "99" the conjunction Waw is proclitically added to the following unit numeral (c) and preceded by the numeral for 10 x c.⁽⁴¹⁶⁾ Numerals for "101" to "999" consisting of up to three components use Waw only once, with the last numeral. Where a composite numeral ends with one for c, the marked or unmarked form is selected in accordance with the grammatical gender of the noun which serves as the head of the numeral.

c) *"Eleven" to "Nineteen"*

As regards "11" to "19" specifically, Mandaic is the only later Aramaic dialect whose numerals for these numbers show structural similarity to our idiom. Alongside the gender-indifferent forms such as /hamisar/, Mandaic also has an alternative system in which the decade precedes, joined by the conjunction to the following cipher for a unit, *and* the gender of the two matches: e.g., m. /asra utrin/ vs. f. /asar utartin/ "twelve."⁽⁴¹⁷⁾ Accordingly, the "unmarked" column in the above table for "12" and "15" can be reconstructed as עשר וחמשתין and עשר וחמש respectively. All other dialects show the basic structure of m. חמשת עשר vs. f. חמש עשר. BA, which has Dn 4.26 חמשי-עשר as the only relevant example, seems to agree with these dialects.

d) *Hundreds*

"100" is מאה A6.2:14 without חד. For "200" the dual form is used: מאותין A6.2:13. Only one example is found for "hundreds" (300 - 900): מאה ארבע '400' A6.2:16. The use of the singular (מאה) and the sequence of the components accord with what we find in many other Aramaic dialects.⁽⁴¹⁸⁾

⁴¹⁵ The restoration ארבעת עשר יומן 'fourteen days' A4.1:3, first put forward by Sachau (1911:38) and accepted since universally, would go against this rule. We also find it odd that all other numbers of days in this document concerning the celebration of the passover are given by means of ciphers. If the restoration be correct, however, its abnormal syntax may be due to the influence of the biblical prescription concerned: Ex 12.6 ארבעה עשר יום לחדש etc. The mixing of ciphers and numerals is attested elsewhere, e.g. B3.8:6,23,32.

⁴¹⁶ This structure obviously differs from the only certain OA example in Zakkur A 4: שש[ע]ן עשר מלכן (or: ש[ע]ן) 'sixteen (or: seventeen) kings.'

⁴¹⁷ On the preceding ten, cf. also Nöldeke 1875:188, n. 4, where rare exceptional cases in Syriac and Nabataean are mentioned.

⁴¹⁸ JA (Dalman 1905:127f.), Syriac (Nöldeke 1898:95), Mandaic (Macuch 1965:231), BTA (Epstein 1960:128), and CPA (Müller-Kessler 1991:136). Exceptions are SA (Macuch 1982:314), Palmyrene (Cantineau 1935:126), Nabataean (Cantineau 1930:95), and Galilaean Aramaic (Dalman 1905:127f.). On the latter, see also Fassberg 1991:130. Hebrew influence is suspected.

e) *Thousands*

"1,000" is אֶלְף, without חָד 'thousand talents' A4.8:27. Otherwise אֶלְף is almost always shortened⁽⁴¹⁹⁾ to לֶף and preceded by a cipher, even one higher than '1,' e.g. 3 פְּרוֹזֶל כְּרֶשֶׁן לֶף 'iron, 3 thousand karsh' C3.7Fv3:9. There are several examples for "2,000," which is always written as לֶף 2, e.g. C3.7Gr2:26. This seems to suggest that in contrast to מֵאָתַיִן '200,' the dual of אֶלְף was apparently not in use in our corpus and that the abbreviation stands for אֶלְף, not אֶלְפִין.⁽⁴²⁰⁾ Most Aramaic dialects place the plural form of אֶלְף in the second position.⁽⁴²¹⁾ This makes our idiom distinct from all later dialects which, including the numeral "2,000," use the plural אֶלְפִין for a multiple of "1,000."⁽⁴²²⁾

f) *Ordinals*

The ordinals are only meagrely attested in our corpus⁽⁴²³⁾: חֲנִין שְׁנָה 'a second year' (?) B3.1:7.⁽⁴²⁴⁾ A substitute for an ordinal is the syntagm זִי + a marked cardinal as in זִי תִלְתָּא 'the third (one)' C1.1:187.⁽⁴²⁵⁾

In B1.1 we find a unique dating formula: בִּשְׁנִין 'in years' followed by a cipher, e.g., 7 בִּשְׁנִין לְמַלְכָּא דְּרוֹשׁ 'in year 7 of King Darius' B1.1:1.^(425a) Similarly at lines 4 and 5. The standard formula is בִּשְׁנָה, st. cst., followed by a cipher as in 14 בִּשְׁנָה דְּרִידְיוֹשׁ 'in year 14 of Darius' A4.5:2.

⁴¹⁹ Segert (1975:218) raises the possibility of not just graphic, but phonetic elision here in the manner of חָד for *אֶחָד 'one.'

⁴²⁰ Cf. Muraoka 1995:20f. Delete the penultimate paragraph of the article: the cited example (A6.2:13) had been misinterpreted (personal communication: B. Porten).

⁴²¹ Syriac (Nöldeke 1898:94) attests to both sequences. So apparently CPA, though Müller-Kessler (1991:136) does not cite an example of the preceding pl. of אֶלְף.

⁴²² JA (Dalman 1905:128), Syriac (Nöldeke 1898:94), Mandaic (Macuch 1965:231), BTA (Epstein 1960:128), SA with a distinct dual for "2,000" (Macuch 1982:315), and CPA (1991:136).

⁴²³ The twice-attested קְדָמִי (A6.10:1,8) means 'former, previous.'

⁴²⁴ On this strange syntax, see below § 66 a: this numeral is close in meaning to אֶחָד, which is also found in front of the head noun. Because of the broken context, one cannot make much of the only other instance of the numeral at C3.13:49.

⁴²⁵ See above, fn. 204, and Kottsieper (1990:103-5).

^{425a} Koopmans (1962: II, 95) mentions an Akkadian parallel *ana 3 šana:ti* 'in the third year' and Germ. *mit 13 Jahren kam er*.

g) *Fractions*

The only forms occurring in our corpus are: פלג in the cst. form as in ביהמ פלג 'half of the house' B2.4:11. The conjunction Waw is optionally prefixed to פלג to express a figure such as 7.5: e.g., without Waw—7 פלג and half B3.3:7 or with Waw—אמן 8 פלג '8.5 cubits' B3.10:6. *רבע 'quarter' is often abbreviated as ר: e.g., 1 ר '1 quarter' C3.7Gv2:3, but spelled out in 10 משה ספן רבע 'oil, 10 (and) a quarter jars (?)' C3.7Gr2:9, C3.7Kr3.22; also pl. as in 2 רבען '2 quarters' C3.28:29. Note the lack of the conjunction Waw. On שתות 'a sixth,' see above § 18 r.

h) *Multiplicatives*

The only instance occurring in our corpus is חד אלף 'one thousand times' A4.7:3. Cf. BA Dn 3.19 שבעה חד 'seven times.'⁽⁴²⁶⁾

§ 22. Other word-classes

Under this non-descript heading are covered words which are traditionally subsumed under groupings such as adverbs, conjunctions, interjections and the like all of which are indeclinable and unchangeable. Here again their semantic description belongs to a dictionary. Hence we present a mere list of them with necessarily approximative translations. For their morphosyntactics, see below.

a) *Adverbs*

Of time: אדן 'then' A6.10:1+, אדן B3.6:1, B6.1:1†; אחר 'thereupon, thereafter' A4.7:6+; אתמול 'yesterday' D7.20:7+; כען 'now' A3.8:3+; כעת 'now' A4.2:2+; כעת A3.3:11⁽⁴²⁷⁾; מחר 'tomorrow' B2.1:6; קדמ(י)ן 'formerly, previously' A4.7:25+.

Of place: בגו 'herein' B5.5:11; תמה 'there' A4.7:6+; תנה 'here' A4.5:4 (only once with an Alef, at D1.11:1).

Of logical relation: אם 'still; assuredly' B2.7:11+; אף 'moreover' D7.7:5; אפיו 'then' C1.1:52, 140†; אפם 'still; assuredly' B2.3:22+⁽⁴²⁸⁾; לכן 'then' A4.2:8; מכן 'therefore' A3.5:4+.

Of manner: אפריע 'immediately' A6.12:3†; כדנה 'so' A3.1v:7, B3.6:3; כונה 'so' A4.2:8; כוח 'thus' A6.7:8+; כן 'thus' C1.1:145+; כנם 'thus' A6.11:3⁽⁴²⁹⁾; כחדה 'together' B1.1:6, B2.11:3†⁽⁴³⁰⁾; לעבק

⁴²⁶ Note the striking position of the numeral חד: see § 67 b.

⁴²⁷ On the patterns of distribution of these three synonyms within the Achaemenid period, see Folmer 1995:661-71.

⁴²⁸ See below, § 90 b. Is the final /-m/ some sort of adverbial morpheme as that of כנם 'thus' in כנם אמרן 'we said thus' B8.9:3 and הן כנם הו כמליא אלה 'if it is thus like these words' A6.11:3?

⁴²⁹ See below § b.

'quickly' A3.8:8; שוויי 'equally' (?) B1.1:6 ⁽⁴³¹⁾; חוּב 'again' B5.1:7.
Of degree: שגיא 'abundantly' C1.1:51.

b) *Status absolutus of the adjective used adverbially*

Beside a possible adverbial morpheme /-m/ mentioned in n. 428, it can be observed that the st.abs.sg. of the adjective is sometimes used adverbially: חסין נטר 'he guarded firmly' A6.10:2; שגיא חדית 'I rejoiced abundantly' A3.5:2, see also A6.3:1; with an adj., שגיא פחסו 'very praiseworthy' A6.16:4. Here also belong forms which look like f.sg., but are in fact archaic f.st.abs.⁽⁴³²⁾ — גנבית עבדן (/ganna:ba:yat/ ?) 'act thievishly' A4.2:5; רחמח 'affectionately' B2.4:7 // ברחמה B3.7:14; אמרן לה מצרית 'they call it in Egyptian ...' B3.7:5; ארמית 'in Aramaic' B2.11:4,6.⁽⁴³³⁾ Slightly different is the pl. קדמן 'previously' A4.2:8, C1.1:46; קדמין A4.7:25: see below § 75.

c) *Adverbial /-à:/ (i.e. accented on the penultimate syllable)*

Despite a careful study by Fitzmyer (1979:205-17)⁽⁴³⁴⁾, we believe that BA כּלָא (and its equivalent in our corpus occasionally spelled כלה^[435]) is a special adverbial form meaning 'in every respect, altogether.'⁽⁴³⁶⁾ For example, מנדע[ם] אחרן זי לקחת כלא 'any other thing that you took, restore, give (it) entirely to M.' A6.15:6. What Fitzmyer totally left out of account is the fact⁽⁴³⁷⁾ that our corpus uses a number of other words ending with א, to which the context allows one to assign some

⁴³⁰ As against Porten - Yardeni's translation "as one" and כאחד in their Modern Hebrew version (cf. Grelot: "ensemble") one ought to note that the gender of the numeral is feminine. This appears to be a common Aramaic idiom: compare Is 65.25 "the wolf and the lamb shall feed together (Heb. כָּאֶחָד) with Trg. /kaḥda:/ and Peshitta /pakhda:/.

⁴³¹ See above § 18 w [2] on reduplication as a device of pluralisation.

⁴³² See Brockelmann (1908: § 225 A l, 251 b α) and also Beyer (1984:96,444).

⁴³³ ארמית at Dn 2.4 is Hebrew. ארמית in our text is to be vocalised / ... yaʔ/.

⁴³⁴ A study the substance of which was first published in 1957 in *Bib* 38:170-84 under the title of "The syntax of *kl*, *kl'* in the Aramaic texts from Egypt and in Biblical Aramaic." Fitzmyer was writing against Montgomery 1923.

⁴³⁵ On the orthographic alternation here, see Folmer 1995:116-18.

⁴³⁶ See also Degen (1979:22) and also further below § 69 d. Vogt (1971:83), and Beyer (1984:606) tacitly, seem to have accepted Fitzmyer's view. The position of Segert (1975:193, 222) is mixed.

⁴³⁷ Recognised, however, by Segert (1975:193). This point also needs to be borne in mind in assessing the suggestion made by Driver (1957:84) to interpret חוּבא 'again' (mentioned below) as a long imperative.

sort of adverbial function. Thus למנפק ברא 'to go out' B3.7:14; הנפקה ברא 'Let it go out' C1.1:93; קרבתא בוע 'he thereupon tore up' C1.1:41, cf. also ib.56,59. The position that these are all essentially st.det. forms becomes especially difficult to maintain when one notes the same ם with similar function attached to what is hardly a noun: אמר לי כותא 'he said to me thus' C1.1:20; למנסק עלא 'to go upwards' B3.7:13; לא ישובא 'he will not send again' A6.15:11, cf. also C1.1:44. The following are mere extensions of this usage: כתיב מן עלא 'written above' B2.1:10; עד עלא 'upwards' B2.1:5,11; ספר כתבת לי עלא 'you wrote for me a document on it' B3.9:3; לעלא מן 'above' C1.1:162.⁽⁴³⁸⁾

d) Conjunctions

Coordinating: או 'or' B2.3:26+; ו 'and' ⁽⁴³⁹⁾ passim; להן 'but' B2.4:6+;

Subordinating: אמת 'when' D7.6:9; אן 'if' A2.1:9†; זי 'that' passim; הלה 'if not' A2.2:10†; הן 'if' passim, D7.56:7⁽⁴⁴⁰⁾; הגלו 'if' A4.2:8; כדי 'when' A2.3:4, 2.4:4; כזי 'when' A4.7:4+; כי 'because' C1.1:79+; לו 'if' A4.2:8+; לולא 'if ... not' C1.2:4; למה 'lest' C1.1:126; עד 'until' A4.8:26+

or וי often combines with a preposition to form a compound conjunction: בזי 'inasmuch as' B8.10:5+; זי מן 'unless' B3.3:14; כזי, see above; זי לקבל 'as much as' A4.3:9+; זי מן 'since' A2.5:3+; עד 'until' C1.1:64+; על דבר זי 'on account of the fact that' (?) C1.1:201; על זי 'concerning the fact that' A6.8:6; קבל זי 'because' B3.11:7†.

e) Interjections

The following, sometimes also called presentatives, are used to give expression to the speaker's inner tension or to draw the listener's or reader's attention to the situation in view: ארה 'behold' A2.3:5,8†; הא 'behold' B2.7:13+; הלו 'behold' A2.3:8+; יה 'O!'

⁴³⁸ JA has preserved a number of adverbs, mostly of place, with the same morpheme, though largely fossilised and combined with another preposition or prepositions as in לעילא 'upwards.' The process of fossilisation had already begun in our idiom as shown by מן לעלא quoted above. For details, see Dalman 1905:55, 188, 217f., who also postulates penultimate stress, though without referring to בלא.

⁴³⁹ The particle has a wide range of nuances. For details, see Hoftijzer - Jongeling 1995:294-96. Thus, in addition to the simple, additive "and," note: "or" as in בר וברה לי 'a son or daughter of mine' B3.9:4; "but" as in "if I chastise you, my son, you will not die, but if (והן) I leave (you) to your own heart ..." C1.1:177; apodotic "then" as in "if you do thus ... then it would be considered a merit for you (וצדקה יהיה לך) ..." A4.7:27.

⁴⁴⁰ On the plene spelling, see above § 6 g.

C1.1:127,129†.

f) *Miscellaneous*

אִיחָ 'there is; (with the prep. ל) 'have' A3.1:4+, אִחָ A2.3:9, יחִלִי 'I have' B4.1:2,[4] (beg. 5th cent.: יח only in conjunction with -ל), אִיחִי B2.4:3+(⁴⁴¹), לִאִיחָ 'there is not' D7.2:3 // לִאִיחִי ib.6, D7.29:4; אִל 'not' C1.1:157+(⁴⁴²); לֹא/לֹה 'not' passim(⁴⁴³); לֹם marking direct speech, A4.7:6+, לֹם B6.3:8; מִלּוֹ 'whatever' A2.3:7†; עוֹד 'more' A4.4:9†.

⁴⁴¹ The shorter synonym אִיחָ may be an analogical development similar to the process whereby the prep. עַל could have developed from *עֲלִי. In other words, רגְלִיהָ 'her legs': אִיחִיהָ 'she is' = רגֵל 'leg' : אִיחָ '(there) is.' In our corpus no instance of אִיחִי with a conjunctive pronoun is to be found. Cf. also Leander 1928:119 *h* and Folmer 1995:218-20.

⁴⁴² Still sporadically turning up in MA, for instance, 1QapGen.

⁴⁴³ See § 5 *e*. The form לֹה occurs already in a 7th century Tel Halaf tablet, 1.4 (Lipiński 1975:118).

PART TWO

MORPHOLOGY

SECTION B

THE VERB

The following description of the verb will be made in terms of the traditional categories of tense, binyan or pattern, mood, and conjugation class.

§ 23. The following inflectional morphemes are attested, excluding those of Lamed-Yod verbs, which will be examined below separately.⁽⁴⁴⁴⁾

a) Perfect		Imperfect	Jussive	Energic
sg. 3m	-	-י	-י	-נ-/י---
f	ת-	ת-	ת-	ת---
2m	ת-	ת-	ת-	ת-/י-
f	תי-	ת(י)---	ת---	ת-/י- (?)
1c	ת-	ת*	ת*	ת-/י-*
pl. 3m	ו-	ו(ו)----	ו----	ו----
f	ו-	?	ו- (?)	?
2m	תו-/תוין/תם-	ת(ו)---	ת----	ת-נ-
f	תו-	ת----	ת---	?
1c	תו-	ת-	?	ת-נ-
Imperative		Participle		Infinitive
		Binyan G	non-G	
sg.m.	--	-	מ-	Binyan G למ-/ל-
f.	י-	ה-/ת-	מ-ה	
pl.m.	ו-	ו(ו)-	מ-ו	
f	?	ו-	מ-ו	non-G: למ-ל/ה--

⁴⁴⁴ We find it more sensible to look at some aspects of the verb morphology across all conjugation classes. This way one could avoid a misleading use of asterisk with *תתבטח in the paradigm facing p. 50 of Leander 1928, though the asterisk is correct, as the paradigm is one of the regular strong verb, and the particular form in question is not attested.

§ 24. Examples and discussion

a) **Perfect.** *3ms* שלח 'he sent' A6.15:8; *3fs G pass.* יהבת '(it = a letter) was given' A6.15:1; *2ms* שלחת A3.5:5; *2fs* שלחתי A2.3:5; *1s* שלחת A2.2:17; *3mp* שלחו A6.2:6; *2mp* נפקתם 'you left' A3.3:3, יהבתם 'you gave' D7.27:11; *G pass.* and *H* הוטבתם ... 'you were interrogated ... satisfied' B2.9:8; יבלחתן ... 'you bought ... brought' A3.10:5; רחמתן 'you love' B2.10:9; אתרתן (< יתרל >) 'you had in abundance' A2.1:5; *2fp* שלחתן 'you sent' A2.5:8, הושרתן 'you sent,' ib.7; *1p* שלחן 'we sent' A4.7:29.

b) *Spelling of the 1sg. and 2sg. suffixes*

Our corpus attests no plene spelling such as Dn 2.41 חוֹיָתָה and 5.27 חִקְלָתָה in BA. This does not, however, have to mean that the morpheme in question in our idiom was /-t/ with the loss of an original final vowel. The Tiberian tradition of BA has ample examples of the type Dn 5.22 יִדְעָה alongside חִקְפָה ib.4.19.⁽⁴⁴⁵⁾ On the other hand, there is hardly a reason for questioning the phonetic reality of the vocalic ending of the 2fs sufformative -תי.⁽⁴⁴⁶⁾

The presence of a vowel in the second person singular suffix makes sense. In Biblical Aramaic as well as Classical Syriac the transitive-fientive class of the G perfect of Lamed-Yod verbs has a diphthong following the second radical: BA חוֹיָתָה 'you (m.sg.) saw' (with a penultimate accent) and Syr. /ħzayt/: see below, § 37 b. Now both dialects tend to retain the diphthong *ay* when it is in a closed, stressed penultimate syllable. The Syr. form represents a stage following the apocope of unstressed ultima vowels.⁽⁴⁴⁷⁾ By contrast, in the period of Aramaic which is our direct concern here, that is to say, not in the Proto-Aramaic or Proto-Semitic period in which all agree both first and second persons singular suffixes ended with a vowel, both of the above-named dialects show a contracted vowel, *e*:, in the first person

⁴⁴⁵ For further examples, see Bauer - Leander 1927:173. /-ta:/ forms outnumber /-t/ forms. Pace Qimron (1993:38) it does not necessarily follow that the BA /-ta:/ is a secondary influence of the Lamed-Yod class. See also Fassberg (1990:165) and id. (1992:52).

⁴⁴⁶ There is no need to find, as Segert does (1975:247), exceptional defective spellings in אמרת, עבדת at D20.5:2, which can best be read as the 3fs. So Grelot (1972:342) and Gibson (1975:121). Besides, the neutralisation of the two genders is intrinsically more likely in the plural/dual rather than in the singular. See below § k.

⁴⁴⁷ Why the diphthong has contracted in BA in the plural forms (רמית 'we threw'; חוֹיָתָן 'you [m.pl.] saw') is not immediately clear. Perhaps a chain analogical development: חוֹיָת > חוֹיָא > חוֹיָתָן?

singular, thus BA רָאָה 'I saw' and Syr. /ħze:t/.⁽⁴⁴⁸⁾ One may thus conjecture that, when this contrast in vowel preceding the suffix between the 1sg. and 2msg. emerged, the former ended with a consonant, while the latter ended with a vowel.

The lack of examples in our corpus of the plene spelled 2ms suffix is probably part of a more general pattern of Northwest Semitic orthography. By contrast, the *i* vowel is more often than not spelled plene in the second feminine singular of the perfect and the personal pronoun, both disjunctive and conjunctive⁽⁴⁴⁹⁾, when the *a* vowel is not. The plene spelling apparently started with two high vowels, *i* and *u*, whether in the middle of words or at their end, though their phonetic nature of being high vowels is not the direct reason for this. The reason is rather that the plene spelling of the low *a* vowel started only after certain phonetic and morphological changes had taken place, notably the feminine singular morpheme /-at/ > /a:/ (both in nouns and verbs (pf. 3fs))—the first change applicable to both Hebrew and Aramaic, and the latter to Hebrew only—and the quiescing of the glottal stop as part of the determined state morpheme, applicable to Aramaic only.

c) *Vowelless 1sg suffix*

The suggestion made in the immediately preceding paragraph that in our idiom the pf. 1sg. did not end with a vowel, but the ה was preceded by one is corroborated by observing the following examples⁽⁴⁵⁰⁾: מָוֹת 'I died' B3.1:14 (also מָוֹת B3.13:8)⁽⁴⁵¹⁾; עָשָׂה 'I thought' B3.6:3, B3.10:2.⁽⁴⁵²⁾ If the personal suffix was not

⁴⁴⁸ But note בָּנִיתָה 'I built it' Dn 4.27, a diphthong in a penultimate syllable, albeit presumably unstressed! The Syriac form is that of the Eastern tradition: in the west it has changed to /ħzit/.

⁴⁴⁹ In these categories the silent Yod is the rule in Syriac.

⁴⁵⁰ See § 3 *b* on $\text{זָבַן} = * \text{זָבַן}$ 'we sold.'

For OA both Dion (1974:182f.) and Garr (1985:123) assume a vocalic ending, *i* or *u*, whether short or long, which would imply no vowel before the last radical in the case of triradical roots. This archaic situation is still reflected in the opposition in Classical Syriac between /kṭavte:h/ 'I wrote it (m.)' (< katabtV) and /kṭavte:h/ 'she wrote it' (< katabat).

The valuable transcriptions *na-ša-a-a-tú* 'I lifted' (= נָשָׂאת) (lines 1,27,32) and *ħa-al-li-tú* 'I entered' (= עָלָה) (lines 4,29) of the Uruk inscription have been correctly normalised by Gordon (1937-39:116) as *našait* and *gallit* respectively. See also Dupont-Sommer 1942-44:38f. One cannot have a vowel both before and after the last radical.

⁴⁵¹ See below § 35 *f*. Note also מָוֹת 'I died' Nerab 2.4.

⁴⁵² The second last example is mentioned by Kutscher 1972:79 and Margain

preceded by a vowel, the spelling מִית and עִשָּׂה might have been more natural. In the last case, assimilation of the second /n/ would only be possible when no vowel intervened between it and the following suffix. Also the fact that a pf. with a 3ms object suffix is never spelled with הִי, but ה as in קָטַלְתָּהּ 'I killed him' C1.1:49⁽⁴⁵³⁾ indicates /-t/ rather than /-tV/. But מִיתָּי 'you (fs) died' B3.5:17, for which no vowel is likely at the morpheme boundary, suggests that the second Taw may be merely a more 'correct' or etymological spelling comparable with Modern Hebrew נָתַנוּ (unvocalised) 'we gave' instead of Ez 27.19 נָתַנוּ.⁽⁴⁵⁴⁾ By contrast, the abbreviated spelling זָבִין (= /zabbinna:/ ?) 'we sold' for *זָבִין (see below [f]) is phonetic.

The vowel preceding the ה of the 1s was most likely *i* or *e* as in Biblical Aramaic, later Aramaic dialects and in the Uruk incantation text, on which latter see n. 7.

Furthermore, the spelling differentiation between יָהֲבָתָה 'I gave it (ms.sg.)' B2.7:16 and יָהֲבָתָי 'you (ms.sg.) gave it (ms.sg.)' B5.5:7 shows that, already at the time when vowels of the form of the verb itself may have undergone some changes as a consequence of the addition of the object suffix, the /-t/ of the 1sg. did not end with a vowel, while that of the 2m.sg. did. The two forms cited above may have sounded something like /yhabte:h/ (= /yhabt/ + /-e:h/) and /yhabtá:hi:/ respectively. See § 38 *f*, 1.

d) The 2mp sufformative comes in three varieties, though two of them, -תִּין and -תִּן, probably sounded the same. That the historically old -תִּם is attested in one of the oldest documents (A3.3)⁽⁴⁵⁵⁾ in our corpus is no surprise. The allomorph -תִּין provides a valuable clue regarding the type of vowel to be postulated after /t/, though it is impossible to choose between /u/ and /o/.⁽⁴⁵⁶⁾ The fluctuation between /-m/ and /-n/ seems to have started with the verb⁽⁴⁵⁷⁾: there is no single instance of 2mp אָתִין in our corpus, whilst the conjunctive pronoun attests to both consonants (§ 12 *i*), though the distribution of the /-n/ form is rather limited.

1994:234.

⁴⁵³ More examples in § 38.

⁴⁵⁴ All this makes Kottsieper's interpretation (1990:148) of הֲבַת as < הֲבַתָּה most unlikely.

⁴⁵⁵ But the same document uses a conjunctive pronoun כִּן-:כִּן 'your pay' ib.4.

⁴⁵⁶ BA shows both -תִּין (e.g. Ezr 4.18 שְׁלִיחָתִין) and -תִּן (e.g. Dn 2.8 מִתִּין).

⁴⁵⁷ Schaefer (1930:251) is of the opinion that the young /-n/ morpheme of the conjunctive pronouns is due to Akkadian influence.

A3.10 (end 5th / early 4th c.) mentioned above showing two instances of חן - uses only כּם - with the noun: אחורכּם (1,9), ידכּם (2), לכּם (2), מנכּם (8). Finally, one wonders whether the plene spelling חן - suggests some difference in vowel quality—length and/or stress—in comparison with the pronominal morpheme, which is never spelled plene. The question must be left open.

e) Though examples of the *2fp* morpheme are by no means numerous, it may be assumed to have been distinct from its masculine counterpart, חם -, by dint of vowel contrast as well.

f) Unlike the corresponding conjunctive and disjunctive pronouns, the *1pl* morpheme is never spelled with a vowel letter ה or א at the end⁽⁴⁵⁸⁾. Furthermore, the simplified spelling זבן 'we sold' B3.4:3, B3.12:3 is valuable in showing that there intervened no vowel between the last root letter and the final morpheme: cf. Syr. /qatteln/. The Nun was probably followed by a vowel of some kind, possibly a long *a* in the light of the suffixed form זבנהי 'we sold it' B3.4:5.⁽⁴⁵⁹⁾ Otherwise the above-quoted זבן would have sounded identical with זבן 'he sold' B3.4:25.⁽⁴⁶⁰⁾

g) The only instance of the Perfect *3fp* to be found in our corpus indicates its identity with the *3mp*: משו אנרחא 'the letters arrived' A4.2:15. In this respect, then, our idiom agrees with that of the Ktiv tradition of BA: e.g. Dn 5.5 גפּקוּ (461) A4.7:12, while having an apparently *fp* subject in מדעמחא 'the objects,' can hardly be viewed as instancing the distinct morpheme in question, for if one postulates /-ay/ (Syr.) or /-aya:/ (TA) as the *3fp* morpheme, the form would have to be spelled הוי* or הוידה*

⁴⁵⁸ See § 11 *d* and 12 *h*. In BA, אן - is the rule.

Garr's (1985:104) [na:], posited by him for the Elephantine texts, is a ghost form: Schaefer (1930:240f.), which Garr quotes, had correctly recognised such a morpheme as only applicable to the personal pronoun, whether conjunctive or disjunctive, and a correction inserted by Kutscher (1977:412), whose 1970 version Garr quotes, has apparently escaped the latter, for Kutscher, just as Fitzmyer (1967:73), which Garr quotes, had wrongly analysed יהבנה B5.1:5 as 'we gave,' when it actually means 'we gave it.' Fitzmyer's (1995:115) correction cries for another correction: the fluctuation between חורין A4.7:16 and חוריא A4.8:15 concerns the object suffix, "us"!

⁴⁵⁹ See below, § 38 *f*, 1, and also Folmer 1995:160.

⁴⁶⁰ As in the Samaria papyri of the 4th century BCE: זבנא SP 4.9.

⁴⁶¹ Cf. a classic discussion by Ben-Hayyim (1951), which, however, does not take QA into account: see, e.g., 1QapGen 20.6 שלמא and חבלא 'destroyed' ib. 13.16, which latter text is to be found in a recent publication of new fragments of the document by Qimron. See also Kutscher (1971:376).

respectively.⁽⁴⁶²⁾ It is rather a case of the lack of grammatical concord. On the other hand, Proto- or Early Aramaic most likely did possess such a distinct morpheme, though it has not so far turned up.⁽⁴⁶³⁾

h) Imperfect⁽⁴⁶⁴⁾: *3ms* שלח 'she will send' A6.8:3; *3fs* A חושר 'you will pay' A6.15:8; *2fs* תשמעין 'you will hear' D7.9:11; תכלן תעבדן 'you will be able to do' A2.3:4; תאמרן 'you will say' D7.16:12; תצבין 'you will desire' B2.7:16⁽⁴⁶⁵⁾; *1s* אשלח A3.5:3; *3mp* ישבקן 'they will leave' A3.1:6, יכהלן⁽⁴⁶⁶⁾ 'they will be able' B3.10:21, ישפטן 'they will judge' C1.1:88, יזנעלן 'they will bring in' A3.8:12; *2mp* D תזבנן 'you will sell' B2.10:11, A תשכחן 'you will find' A4.2:10, tG(?) תתפטרן 'you will be released' A3.3:13; *2fp* תכלן תהיתן 'you will be able to bring' A2.5:5⁽⁴⁶⁷⁾; *1p* נכתב 'we shall write' B2.11:14, נרחל 'we shall fear' A4.2:7.

i) The *2mp* and *3mp* forms are almost always spelled plene with a Waw.

j) 2fp

Our idiom appears to have used a suffix similar to BH and Classical Arabic, /-na/ as against mp /-u:/ or /u:n/.⁽⁴⁶⁸⁾ This differs from what is known from Middle Aramaic, in which the 2fp (and the non-attested 3fp) sufformative of the impf. differed from the corresponding masc. one vocally, namely m. /-u:n/

⁴⁶² Thus *pace* Segert (1975:248). Whilst Segert (1975:249) may be right in attributing the BA Ktiv tradition to Hebrew influence, that is hardly an explanation for our idiom. Qimron (1993:38) also refers, without adducing any example, to the existence of this distinct morpheme in IA.

⁴⁶³ For comparative Semitic aspects, see Brockelmann (1908:574f.).

⁴⁶⁴ The jussive and energetic will be treated later separately.

⁴⁶⁵ But this is of a Lamed-Yod root: see below § 37 *d*.

⁴⁶⁶ Kraeling (1969:243) wants to read H יכהלן, which is of course most unlikely. Porten - Yardeni see here an erasure of a Yod.

⁴⁶⁷ The wording of the opening address, אל אחתי חרו ותבי, is somewhat ambiguous, for אחתי can be read as either sg. 'my sister' or pl. 'my sisters.' That Tabi is a woman is in no doubt, for she appears elsewhere (A2.6:1) as 'my sister.' See also A2.2:5,7. It is also clear that no other addressee is involved, unlike in A2.3. Cf. Hoftijzer (1983:117, n. *b*).

⁴⁶⁸ Classical Semitic languages have two modes of distinguishing the 2/3 m. and f. endings of the prefix conjugation: 1) vowel contrast /-u:/ vs. /-a:/ with or without /-na/ or /n/, to which Akkadian, Classical Ethiopic, Middle Aramaic such as Syriac belong, and 2) /-u:/ with or without /-na/ vs. /-na/ or /-na:/, to which Hebrew and Classical Arabic belong.

vs. f. /-a:n/. This view of ours is supported by תהיתן, one of the above-quoted examples, which would have to be spelled *תהיתן if the usual assumption, based on MA forms such as Dn 5.17 להין, applied here also. The actually attested form probably indicates /the:te:na/ < /the:tayna/.⁽⁴⁶⁹⁾

One of Ben-Ḥayyim's main arguments against the distinct f.pl. in Early Aramaic in general, including BA, was that, in the latter, such forms largely depended on the vocalisation and the Qre.⁽⁴⁷⁰⁾ In BA, even the Ktiv, which in the perfect uses the masc. form for both genders (see above [g]), has occasionally preserved a distinct 3fp form in the impf.: Dn 4.18 ישכנן 'they will dwell' and ib. 5.17 להין 'they will be,' but ib. 4.9 ידורן. Especially להין cannot be revocalised as masculine, which is להין.⁽⁴⁷¹⁾ Hence, where the subject is f.pl., a form ending with a plain Nun has the chance of being a form phonetically distinct from its masculine counterpart.

Lindenberger (1983:285) believes that in the pc. the 3mp with ה- or ו- doubled for the 3fp. Of the four examples mentioned by him three are not unequivocal: C1.1:133 where the verb could be impersonal⁽⁴⁷²⁾; likewise יאכמו עינין טבן אל ib.157 (see above § 18 b); ידורן יד יב.155. This leaves only ילוטן שפוח א[נ]ש ib.151.

The gender distinction in the 2nd and 3rd person plural is a general issue, which gives rise to a number of specific questions. Is it right to assume that both persons behaved analogously? Were the pronominal morphemes any different from the inflectional morphemes of the verb in this respect? The same sort of questions applies to the distinction of other categories of the verb inflection such as tense and mood. As regards the disjunctive personal pronouns, the attestation is incomplete (§ 11). We have noted above (§ 12 j) that the picture is not quite clear-cut. In the perfect tense, the evidence for the existence of a distinct 3fp morpheme is meagre, there being in our corpus only one case where the subject is 3fpl (§ [g] above). The picture regarding the Hermopolis papyri is ambiguous, since the same spelling ה- is used for both genders (§ [d, e] above). In the prefix conjugation,

⁴⁶⁹ On a related issue in the jussive, see below, § k.

⁴⁷⁰ Ben-Ḥayyim (1951:135).

⁴⁷¹ Ben-Ḥayyim (1951:136) has no choice but to invoke scribal error.

⁴⁷² So Porten - Yardeni (1993:43) "they [shall] perceive his lies"; Grelot (1972:441) "on *découvrira* son mensonge"; Kottsieper (1990:15) "[er]kennt man sch[ließlich] seinen Betrug."

there is a fair chance that the 3mp predominated, whilst in the 2pl. a distinction seems to have been maintained, as will become clear in the following subparagraph. Thus the overall picture is somewhat mixed.⁽⁴⁷³⁾

k) Jussive. This category is mostly identified on morphological or morphosyntactic grounds, especially the conjunction with the prohibitive אַל and the absence of the so-called Nun-energicum.⁽⁴⁷⁴⁾ But, just as in BH, the distinction between it and the imperfect (indicative) is not always visible in the consonantal orthography. It is visible only⁽⁴⁷⁵⁾ in the 2fs⁽⁴⁷⁶⁾ and 2/3mp⁽⁴⁷⁷⁾ where the corresponding impf. ends with Nun, which is apocopated in the jussive.⁽⁴⁷⁸⁾ In fact the jussive column in the table above ([a]) gives, except 2fp, only those cases where the jussive is distinct from the indicative in our unvocalised orthography. Thus whether יתעשה and אהחֹסֶן, for instance, which both occur in the close proximity of the clearly marked jussive יתנו 'Let them give' A6.11:3, were phonetically any different from their respective indicative counterpart cannot be determined.

Examples: *1s* ארחֹעָה 'Let me wash it' D7.8:11⁽⁴⁷⁹⁾; *2ms* אַל תִּקְטְלֵנִי 'Do not ' kill me' C1.1:52; *2fs* אַל תִּצְפִּי 'Do not worry' A2.1:7, D1.1:14, (י) אַל תִּמְלִי לִבְחֹתִי 'Do not be angry (at me)'

⁴⁷³ Cf. a good discussion in Kottsieper (1990:138-40), who, however, confines himself to the 3pl. due to the scope of attestation of his corpus. In the light of our discussion above, his assertion that IA did not allow the dominance of the 3mpl. needs to be somewhat nuanced.

⁴⁷⁴ See below § 1 and § 37 *b.c. f*(3) respectively.

⁴⁷⁵ One important exception is discussed below, namely יֵאָפֵן vs. *יֵאֵפֵן. As we shall see later, Lamed-Yod verbs tend to make an orthographic distinction in some other categories as well: § 37 *d*.

⁴⁷⁶ Thus it is better to restore an indicative תִּמְלֹךְ or תִּמְלֹךְ at B4.6:13,17.

⁴⁷⁷ Though the jussive 3fp is not attested in our corpus, one may postulate the same ending as that of the 2fp.

⁴⁷⁸ On problems unique to the Lamed-Yod class, see below § 37 *d*. See further § 35 *e* on the Ayin-Waw/Yod class.

⁴⁷⁹ Parallel with another volitive form, שלח "Send" (impv.), and following an indicative, הִרְחֹעָה 'you wash it' (line 7), as noted already by Kutscher (1972:30, 83). Likewise ויתנה 'and let him give it' parallel with דבר 'Go' (impv.) D7.29:9, following an indicative, אֶתְנֶנָּה 'I shall give it' (line 5). On the alleged final ("so that ... may") force of the pc. attached to the conjunction Waw in Biblical Hebrew, see Muraoka 1997c. We agree with Kutscher that both verb forms indicate the speaker's wish.

A3.3:10⁽⁴⁸⁰⁾, אל תקמי 'Do not stand' A2.2:15; אל תתכלי 'Do not rely' D7.16:4; 3mp ישאלו 'May they seek!' A3.7:1⁽⁴⁸¹⁾, ישמו 'May they place' A6.6:1, A6.16:5; יאכלו 'May they eat!' D7.17:10; 2mp אל תצפו 'Do not worry' A2.2:3, A2.4:12, D1.1:8, אל תנתנו 'Do not give!' A6.9:6; 2fp חדען 'you should know' A2.5:2.

Since the jussive with an open ultima syllable is, except that of Lamed-Yod verbs (e.g. תמלי quoted above), likely to be penultimately stressed as in BA⁽⁴⁸²⁾, the defective spelling of תקמי and שמו cited above is remarkable.

The context makes it likely that we have a rare example of the 2fp jussive in חדען 'you should know' A2.5:2. This form with the final Nun retained, which in its masculine counterpart in the jussive disappears, reminds one of לאפן 'May they [= women] bake!' in Fekheriyan (line 22). These two cases plus תהיתן discussed earlier (§ [j]) suggest that the analogy of Classical Arabic, in which in the 2/3fp the indicative and the apocopate (= our jussive) are identical in form, /-na/, applied to our idiom as well.⁽⁴⁸³⁾ Our jussive חדען may have ended with /-a:n/, should the MA tradition with a long *a* apply to our period.⁽⁴⁸⁴⁾ However, the Fekheriyan לאפן presents a difficulty for such an interpretation, for should one start from MA, one would expect לאפין /-ya:n/ (⁴⁸⁵). All this leads to the conclusion that the Fekheriyan form—likewise להיתקן 'May they suckle!' (20, 21), אל ימלאנה 'May they not fill it!' (22) also from the same bilingual, and similar forms from Sefire—ended with /-na/ as in Arabic. Another consideration which renders /-a:n/ as a 2/3fp jussive morpheme unlikely is that, while the jussive 2/3mp and 2fs are characterised by the loss of /-n/, which we assume to have followed a long vowel, the 3fp jussive

⁴⁸⁰ In the light of variations of the same idiom at A3.5:4, A4.2:11, and Ashur ostracon 19f., the conjunctive pronoun Yod may have been inadvertently left out.

⁴⁸¹ יחוספו C3.11:10 is hardly jussive; possibly an error for אחוספו 'were added' following the relative pronoun, וי. Or possibly a jussive erroneously used for an indicative?

⁴⁸² On this point, see Muraoka (1972:29).

⁴⁸³ On the analysis of the Fekheriyan form, see Huehnergard 1987. The verb was, *pace* Huehnergard (1987:275, n. 31), probably of /raqiya/ type in Arabic, which in the jussive/apocopate 3fp gives /yardayna/. Since the contraction of /ay/ is known to Fekheriyan as in בן החדד 'the house of Hadad' (line 17), the original /-payn/ could have been spelled without Yod.

⁴⁸⁴ Cf. a historical reconstruction by Bauer - Leander (1927:96f.), for a trenchant criticism of which see Huehnergard (1987:272, n. 24).

in OA, Fekheriyan, and Samalian consistently retains this /-n/.⁽⁴⁸⁶⁾ If our jussive form contained a long *a*, we would expect an *n*-less form. We must then postulate that, as in Classical Arabic, our idiom and others, which maintained a formal distinction between the so-called long and short imperfects, made no such distinction in the 2/3fp.⁽⁴⁸⁷⁾

l) In contrast to the jussive, the **Energic** is characterised by the increment of a Nun at the end of a verb form.⁽⁴⁸⁸⁾ This is only visible, unlike in the jussive, where the indicative form ends with a consonant⁽⁴⁸⁹⁾, though when the verb itself ends with Nun as in the 2/3pl, only one Nun is written as in תנתנתה 'you (mp) may give it' B2.10:9.⁽⁴⁹⁰⁾ Whilst the attestation is patchy, it may be safely assumed that the 3fs and 1pl also had an extra Nun. If one leaves out energetic forms with conjunctive pronouns⁽⁴⁹¹⁾ such as יהיבנה 'he will turn it back' C1.1:126, self-standing energetic forms are few and far between. The following list is exhaustive: הן יאחרן 'if he should seize' C1.1:107; אל תלקחן 'Do not take' ib.167; D אשלמן 'I shall pay' B4.6:5; הן אשבקן 'if I should leave' C1.1:177.⁽⁴⁹²⁾

m) *Function of the Energic*

Whereas the /-n-/ morpheme has admittedly lost its energetic force, Leander (1928:41) makes an important observation that each of the four free-standing energics attested in our corpus

⁴⁸⁵ As Kaufman (1982:150) rightly points out. Cf. Dn 5.17 להרין.

⁴⁸⁶ OA—אל יהרין 'May they not kill! (?)' at Sefire I A.24; Fekheriyan—mentioned above; Samalian—לתנתנה 'Let them [= her kinswomen] be assembled' at Hadad 31 and פלכחשה 'Let them pound her' ib.32. See also Tropper 1993:217.

⁴⁸⁷ So Degen (1969:65): "Lang- und Kurzimpf. sind ... in der 3. fem.pl. morphologisch nicht unterschieden." Whether such a situation is Proto-Aramaic or not is a separate issue. This means, among other things, that, *pace* Ben-Hayyim (1951:135), at least one dialect of Old Aramaic did have a distinct third fem. impf. form.

⁴⁸⁸ For the energetic in the language of Deir Alla, see Hoftijzer 1976:297. On the function of the energetic, see below § 53, and on its morphology with the conjunctive pronoun, see § 38 *b*.

⁴⁸⁹ To be accurate, excluding Lamed-Yod verbs.

⁴⁹⁰ In BA it would be vocalised תנתנתה. In the above energetic column, -נ- is what is found between a conjunctive pronoun and the preceding verb stem.

⁴⁹¹ See below § 38 *b*.

⁴⁹² There is no compelling reason to take תנתן 'you (fs) may give' B2.3:10, B3.10:21 as energetic: it can be easily a usual "long" imperfect. The absence of

implies an object pronoun. Thus, at least diachronically, the two morphemes, i.e. the Nun of self-standing energetic forms and one that bridges an imperfect and an object pronoun suffix, point to a common origin.⁽⁴⁹³⁾ On the other hand, which of the two possible energetic forms represented by Arabic, I /yaqtulanna/ and II /yaqtulan/, applies to our idiom is difficult to say. BA, even disregarding the vocalisation, is obviously aligned to I, as shown by a case such as Dn 7.16 יְהוֹדַעְנִי 'he made me known,' which, if it were an II energetic, would be spelled with a single Nun. A case such as יִחְוּנְנִין 'they will show me' A4.4:9 indicates that our idiom aligns itself with BA in this respect. Though the two idioms do not entirely agree (see below § 37 f [3]), one may assume that a form such as אַשְׁבֵּקֶן ended with /-anna/.

n) Imperative: *ms* עֲבֹד 'Do!' A6.2:22; זָף 'Borrow!' C1.1:129; *fs* עֲבֹדִי B2.3:27; *mp* עֲבֹדוּ A6.8:3.⁽⁴⁹⁴⁾

o) Participle. G: *ms* שֶׁבַק 'leaving' A2.4:4; *pass.* שְׁמִיעַ 'heard' A3.3:13; *mp* שֶׁלַחַן 'sending' A6.1:3; מְשַׁחֵן 'anointing' A4.7:20⁽⁴⁹⁵⁾; *mp.cst.* רִכְבֵּי 'riders of' C2.1:44; *fs* נִפְקָה 'leaving' C1.1:171; שֶׁלַחַן 'sending' A6.1:3⁽⁴⁹⁶⁾; *fp.pass.* כְּתִיבֵן 'written' B3.5:12.

The non-G participle is characterised by the prefix /m-/, whilst the sufformatives are identical with those of the G participle,

an expected object should be no serious hindrance: cf. § 74 o: "Object ellipsis."

⁴⁹³ Against Kottsieper (1990:177), who mentions Degen (1969:80) approvingly, though the latter is not addressing the past origins of the morpheme nor is Moscati (1964:136). Furthermore, the fact that this /n/ was presumably followed by a vowel, most likely /a/, as Kottsieper also admits, and the fact that the corresponding Hebrew morpheme was apparently not followed by a vowel, can be better explained by the widely accepted theory which connects the Aramaic form with Energetic I of Arabic and the Hebrew form with Energetic II, for otherwise one would need to seek for two separate origins of the apparently related morpheme in the two languages. See also Lindenberger (1983:51f.).

⁴⁹⁴ Hug (1993:77) gives /-n/ as the ending of the impv. 2fp., but no example can be found for it among his presumably exhaustive list of attested forms. However, in view of the overall symmetry between the impv. and jussive, /-n/ (see above § [k]) is more likely than /-a:/ (pace Segert 1975:254).

Kottsieper (1990:137) speculates, on the basis of his interpretation of data in the papyrus Amherst 63, that the G imperative inserted a helping vowel between the first two root consonants or before the first (the latter in the manner of Classical Arabic). There is no hard evidence for such a hypothesis, and at least for the second supposition our scribes did not find it necessary to give such a helping vowel some graphic representation as in Arabic.

⁴⁹⁵ On the spelling fluctuation, plene or defective, see § 18 b.

which in turn agree with those of the nominal declension, though no det. form of substantival use is attested: *ms* D מהלך 'walking' B8.3:4; *fs* H מהשכחה 'finding' A4.3:9; *mp* H מוהסנן 'holding in hereditary lease' A6.2:3; *fp* D מסרסרן 'soaring(?)' C1.1:162; מסבלן 'supporting' A2.3:5.

p) Infinitive. The infinitive appears either prefixed with /m-/ or without it, but often with a proclitic ל, but no other proclitic: למשלח 'to send' A1.1:7; למשבק 'to leave' C1.1:92; לאמר 'to say' A2.3:6 // למאמר C1.1:163; without Lamed—ממלא 'filling(?)' C1.1:131⁽⁴⁹⁷⁾, מנשא 'raising' ib.170. As a matter of fact, לאמר, which occurs nearly 50 times in our corpus, is the only G infinitive without the prefix Mem⁽⁴⁹⁸⁾, and it introduces, in the manner of BH לאמר, a quote, without an object pronoun, and often in juridical style. Thus it is noteworthy that the form with Mem is used where it is not such a fossilised formula as in בחנכה ישימון טב במנחה 'they will put something good to say in his palate' C1.1:163; see also A4.9:2 (לממר), D7.39:10. The standard G infinitive in our corpus is therefore למכחב⁽⁴⁹⁹⁾.

The non-G infinitive, however, always ends with ה-⁽⁵⁰⁰⁾, and

⁴⁹⁶ On the spelling fluctuation, ה- or ה-, see above § 18 j.

⁴⁹⁷ For an exegesis of this difficult saying, cf. Lindenberger (1983:124f.). Should it form a nominal clause with the adjacent משלמוחה 'its repayment,' most likely a D inf. of fem. gender, the former would not be a ptc.

⁴⁹⁸ Lerner (1982) attempts to show the notorious BA Ezr 5.3, 13 לבנא as tG impf. or inf.. The most one can say, however, is that the Massoretic vocalisation may reflect a later idiom such as Babylonian Jewish Aramaic. Note, however, a possible parallel with Sefire II B 6 פלאכהל לאשלח יד 'and I shall not be able to stretch out (my) hand' on one hand, and לישב, ליתן and such like in Mishnaic Hebrew on the other. The Ktiv can be safely taken as a Mem-less inf. The syntactic parallel he quotes from BA is less than complete. He further needs to demonstrate that a verb of commanding also allows parataxis.

Another possible example is to be found in לאמר at חמר B1.1:14, if it is to be translated: "a he-ass is not to be hired." Hoftijzer - Jongeling (1995:11) suggest a G inf. or a noun. Cf. also Folmer 1995:189f.

⁴⁹⁹ Whether a G infinitive can take the feminine ה- ending is a moot point in Aramaic grammar. Sefire I A 13 mentioned by Ben-Hayyim (1971:250) and Segert (1975:260) has been also interpreted as a D inf., and BA Ezr 5.9 מבניה 'to build' can be repointed as מבניה 'to build it.' ממחזה 'his death' Nerab 2.10 analysed as G inf. + suf. by Hug (1993:85) is a verbal noun rather than an inf. used in one of the familiar and typical syntagms. All instances in our corpus of למבניה ought to be interpreted as having a suffix for 'it,' pace Lerner (1982:62).

⁵⁰⁰ The only exception with Alef is להשקיא 'to give to drink' A4.5:7. See

forms without Mem are quite frequent: D לִבְנָה 'to sell' B2.4:6, D7.1:5; לְשַׁלְּמָה 'to repay' B2.7:5; H לְהִיחִיָּה 'to bring' A4.5:14; לְהַעֲרִידָה 'to remove' B3.11:13; לְהַשְׁקִיָּא 'to give to drink' A4.5:7; A לְמַחְתָּה 'to bring down' A2.5:6. That this final He was perceived as identical with the f.sg. morpheme is shown by its alternation with Taw typical of the idiom of the Hermopolis papyri: לְמַחֲתָה A2.4:11 // לְמִיחִתָּה A2.4:11.⁽⁵⁰¹⁾ Another possible M-infinitive, D or A, is לְמַחְזָה 'to show' (error for לְמַחֲזִיָּה?) D7.24:16.⁽⁵⁰²⁾

No clear pattern emerges as to the distribution of the two alternative non-G infinitive forms.⁽⁵⁰³⁾ Whereas the *m*-less type is spread over a fairly long time-range of our corpus (460 to 402), the *m*-type is also of respectable antiquity, attested in the Hermopolis papyri and Ahiqar proverbs.⁽⁵⁰⁴⁾⁽⁵⁰⁵⁾

When a conjunctive pronoun is added to a non-G infinitive, the latter naturally takes the cst. form, either -ת- or ות-⁽⁵⁰⁶⁾, where one does not know whether the former is a defective spelling of the latter or represents /-at/, though the former interpretation is more likely.⁽⁵⁰⁷⁾ Examples are: D לְחַצְלֹתִי 'to rescue me' A1.1:7;

above § 18*j* end.

⁵⁰¹ See above § 18*j*. Greenfield (1990:77) wants to emend the latter to [לְמִיחִתָּה], but the absence of an object in a context like ours is a commonplace in Semitic languages.

⁵⁰² On this difficult form, see Folmer 1995:191, n. 17.

⁵⁰³ Cf. Folmer 1995:191-98.

⁵⁰⁴ Once outside of these documents: D לְמַכְתָּבָה 'to mark' D7.9:10. Along with Kottsieper (1990:138) we regard הִימְנֻתָּה 'his trustworthiness' C1.1:132 as an ordinary, abstract noun.

⁵⁰⁵ See a diachronic and comparative discussion on the Aramaic infinitive in Muraoka (1983-84:98-101) and Muraoka (1997:207f.). Kottsieper (1990:140f.) seeks to fit this distribution pattern into his view on the Southern Syrian origin of Ahiqar's proverbs.

⁵⁰⁶ Kottsieper's statement (1990:138)—"Der Infinitiv ... endet im D-Stamm auf -[u:]"—must be assessed in the light of the fact that such infinitives occur in his corpus only a few times and always with a conjunctive pronoun.

⁵⁰⁷ Greenfield (1990:78) uses this distinction for a classification of Aramaic dialects, but the picture is a little more complex than what he wants us to believe. Several instances of this kind occurring in the Sefire inscriptions are regularly spelled without Waw, and it is not imperative to read, as Fitzmyer does (1967:88, 113), /-u:t/. A morpho-syntactic consideration is to be brought into this discussion: see Muraoka (1983-84:100) and Muraoka (1983). All the relevant examples in OA are those of the objective genitive, including Sefire III 11, 15 לְהַמְחִידִי 'to kill me.' Despite the meagreness of examples, BA uses the /-at/ form when the following noun is an object: Dn 5.12 אֲחִינֹחַ אֲחִינֹחַן

לזבוחה 'to sell it' D7.56:13; D לחרכתכי 'to expel you' B3.7:16⁽⁵⁰⁸⁾
 // לחרכותה 'to expel her' B2.6:30, B3.8:30; D without a Lamed—
 משלמותה 'repaying it' C1.1:131; A למנחתותה 'to put it down' ib.171;
 A מנחתותהם 'to put them down' ib.170⁽⁵⁰⁹⁾; A למושרתהם 'to send
 them' A2.2:13⁽⁵¹⁰⁾; H להחסנותה 'to bestow it' B7.3:7.⁽⁵¹¹⁾

In this regard the G infinitive presents nothing unusual: e.g.
 למעבדה 'to make him' B3.9:6,7; למולכי 'to sell you' B3.6:6.

In our corpus we find no trace of the infinitive absolute.^(511a)

§ 25. Binyanim

Our idiom attests to all the major binyanim or patterns familiar from the classical Aramaic dialects: G or Peal, D or Pael, A/H or Afel/Hafel, and their respective corresponding *t*-binyan, namely tG or Ethpeel, tD or Ethpaal, tA/tH or Ettafal with a prefixed *t*.⁽⁵¹²⁾ However, our determination as to which binyan to assign a

התנדבות עמא 'with the people volunteering' Ezr 7.16 (subjective genitive). From the fact that the idiom of the Hermopolis papyri knows both למיחיה and למחיה as the causative infinitive of אחה (as noted above) it does not necessarily follow that a suffixed infinitive in that idiom necessarily ended with /-at/, and not /-ut/.

⁵⁰⁸ Let us note that this document is rather poorly copied with four interlinear additions, a couple of erasures and that a vowel letter was twice dropped (9 תחומה; 2 יהשמע).

⁵⁰⁹ On the use of a conjunctive, not disjunctive, pronoun for 'them,' see below § 38, (6).

⁵¹⁰ As for the absence of Waw before the Taw, note a number of unusual defective spellings in this letter: אחוכי for אחוכי 'your brother' 1; H ptc.act. מנס for מניס 3; G pass.ptc. יהב for יהיב 8,9,10,16; שפרח for שפירת 'beautiful' 12; בח cst. of ביה 12, בחה 'his house' 15.

⁵¹¹ כסף מנפקה לימא without the preposition as in 'silver for taking out to the sea' C3.7Ev2:6 and a few more times (mostly restorations) in the same document can easily be an action noun.

^{511a} It is attested in OA: see Fitzmyer 1995:144f. See also Hug 1993:119 and Muraoka 1983-84:100f.

⁵¹² The label G derives from the German term, *Grundstam*, basic stem, and D also from German *doppelt*, doubled, i.e. doubled second radical.

Even with the support of נאח 'to sigh' Deir Alla II 12bis and possibly נצבו 'they gathered' ib. I 8 (see Hoftijzer 1976:192, 236), we hesitate recognising Nifal in the system of our corpus on the strength of the solitary examples נשחם B2.6:10 and נעצבן ib.15 whose interpretation is highly uncertain.

Lipiński (1994:125f., 149f., 162) rejects the presence of Nifal in the Deir Alla texts, though his argument for taking the Nun of נאח as the precursor of the morpheme as in eastern MA dialects fails to convince us.

For Garr (1985:121) to be able to speak of the Nifal "dying out" in Aramaic,

particular verb to is to some extent⁽⁵¹³⁾ dependent on our knowledge of later Aramaic dialects, particularly those with reading and/or vocalisation tradition. Even so, it is not always possible to achieve absolute certainty in this matter. For instance, is למנחתורה 'to set it down' C1.1:171 a D or A infinitive?⁽⁵¹⁴⁾ See below § 33 c. Do we have a tG or tD in [מה י] שחמר איש עם אלהן 'how can a man guard himself against gods?' C1.1:96? See below § 29. Our idiom uses יבל 'to transport' in G, whereas BA uses it in H and Syr. in D and A. Also ambiguous is גלי 'to reveal': both JA and Syr., for instance, use it in both G and D. The precise significance of the binyan of the verb in הי מלבש אנה 'that I am wearing' A2.1:6, presumably a D ptc., eludes us.

Even if one could establish the binyan of a given verb with reasonable certainty, there still remain some problems. Firstly, the function of some of the binyanim is still disputed. Why is the verb for "to begin," שרי, for instance, used in D?⁽⁵¹⁵⁾ Secondly, when two verbs with identical sequence of consonants are assigned to two different binyanim, it is not always obvious what logical relationship exists between the meanings of the two verbs: e.g., קבל 'to complain' in G and 'to receive, accept' in D.⁽⁵¹⁶⁾ In other words, are they derived from the same root? The question is not confined to relationships between verbs.

By universal consensus none of the *t*-binyanim was originally passive in force, though it gradually assumed that function as well. Early Aramaic possessed morphologically distinct passive patterns, a situation which is still apparent in our idiom, in the G perfect and participle in particular: § 29.

For Garr (1985:121) to be able to speak of the Nifal "dying out" in Aramaic, he must be able to produce more substantial evidence for its presence in Old Aramaic in the first place.

⁵¹³ To say with Segert (1975:258), however, that the absence in our consonantal text of a symbol such as dagesh makes it impossible for us to distinguish between G and D is not quite accurate, for when the context makes it plain that זבן in certain cases means 'he bought,' in some others, however, 'he sold,' and the participle of the former זבן contrasts with מזבן of the latter, one can safely infer that the former had a geminated second radical, unless one has a reason to assume that gemination as a feature of binyan opposition was non-existent in the period represented by our idiom.

⁵¹⁴ Cf. Syr. D /naḥḥet/ and JA D עבר 'to bring across; cause to pass' (Sokoloff 1990:394b).

⁵¹⁵ With a recent study on the gemination in the Akkadian verb (Kouwenberg 1997) the time-honoured notion of "intensive" has been resurrected.

⁵¹⁶ The common denominator is some interaction between two parties. קבל

§ 26. Binyan G

From some Ayin-Waw/Yod verbs and Lamed-Yod verbs one may infer that there existed a further subdivision among G verbs differentiated by the stem vowel. Compare מִית 'I died' B3.1:14 with קָמָה 'I rose' B1.1:10 on the one hand, and תָּמוּת 'you will die' C1.1:177 with תָּשִׁים 'you will put' ib.130 on the other. For more details, see below §§ 34, 36 *d*. Even if one is allowed to extend this distinction to other conjugation classes, one could never be absolutely certain whether G רָחַל in our idiom, for instance, was of *qatil* type as in later Aramaic dialects, for there obtains some fluctuation in this regard between various dialects.⁽⁵¹⁷⁾ Similar uncertainty exists also with regard to the stem vowel of the imperfect.

§ 27. Binyan D⁽⁵¹⁸⁾

On the basis of our knowledge of BA and later Aramaic dialects we may safely assume that the second root letter is geminated.

The verb D זָבַן 'to sell' (e.g. זָבְנוּ 'they sold' A3.8:5) contrasts with its G form such as יָזַבַן 'he will buy' A2.2:16, involving a change of direction. D קָרַב is factitive in relation to G: G 'to be near, come near' vs. D 'to bring near'—קָרַבְתֶּךָ 'I brought you near, presented you' C1.1:50. Some examples are: *pf.3ms.* שָׁדַר 'he sent' C1.1:101; *3fs* סָבַלְתִּי 'she supported me' B3.10:17; *3mp* זָבְנוּ 'they sold' A3.8:5; *1p* זָבַנְנוּ 'we sold' B3.4:3, שָׁלַמְנוּ 'we paid' A3.8:2; *impv.ms.* זָבֵן 'Sell!' A3.8:5; *impf. 2ms* תִּשְׁלַם 'you will pay' A6.15:8; *3mp* יִשְׁלַמְּנוּ 'they will pay' B3.1:15; *energ. 1s* אֲשַׁלֵּם 'I shall pay' B4.6:5; *inf.* לְשַׁלֵּם 'to pay' B2.7:5; מְשַׁלְּמָתָהּ 'repaying it' C1.1:131; לְזַבְנָתָהּ 'to sell it' D7.56:13; *ptc. ms* מְהַלֵּךְ 'walking' B8.3:4; מְשַׁלְּחָהּ 'its sender' C1.1:82.

We include שָׁצַב 'to rescue' and שָׁצַח 'to succeed'(?)(⁵¹⁹) in this category, though the vocalization tradition in BA indicates that the vowel following the first radical is not that of typical D verbs, *a*, but *e*.

The verb הִיָּמַן 'to believe, trust,' as in מִהֵמָּן A2.1:9 (*ptc.*) is no doubt Hafel in origin, but the fact that it must have been thought of for quite a while as the odd man out is demonstrated

D happens to be unattested in our corpus.

⁵¹⁷ See Aro (1964:139-51).

⁵¹⁸ In the following paragraphs on the non-G binyanim our observations will be made on, and largely illustrated by the 'strong verb' classes. Peculiarities of the 'weak verb' classes will be dealt with thereafter.

⁵¹⁹ On the etymology and meaning of the word appearing at A6.7:7, see

by its very form in Syriac, /haymen/, a language from which Hafel has totally disappeared.

§ 28. Binyan H or A

This is a so-called Hafel or Afel binyan, often causative in force vis-à-vis G, e.g. H הרכב 'to mount' (tr.) C1.1:190 vs. G רכב 'to ride' C1.1:38; H הנפק 'to bring (or: take) out' C1.1:83 vs. G נפק 'to exit' A4.7:5.

The binyan is, formally speaking, chiefly characterised by the prefix Alef or He. It is still a moot question whether one is dealing here with a historical development, namely Hafel > Afel as a result of a phonetic change /h/ > /ʔ/ or the two existed side by side from the beginning.⁽⁵²⁰⁾ One obvious difference is that, whereas He appears not only at the beginning of a word-form, but also after some additional prefixal morpheme such as personal prefixes of the prefix conjugation or the Mem of the participle or the infinitive preceded by a proclitic Lamed, Alef as a morpheme of this binyan appears only at the beginning of a word-form.⁽⁵²¹⁾ This may justify us in interpreting a form such as ישכח as an A-binyan form with /ʔ/ syncopated: יאשכח < ישכח rather than < יהשכח. Whilst the syncope of a word-internal Alef is fairly common, not just in this particular morphological context (see above § 3

Driver (1957:54) and above at § 3 u.

⁵²⁰ See, for example, a discussion in Bauer - Leander (1927:62,113). Folmer (1995:123-37) is more concerned with the spelling alternation. She opts for the view that this is a case of /h/ > /ʔ/, without, however, offering any argument (Folmer 1995:123, n. 570).

⁵²¹ Forms such as יאחרם 'he delivers (for destruction)' (mentioned in n. 80 below) or יאוסף 'he adds' are not to be found in our corpus: see Beyer 1984:148, where Beyer states that the process of Hafel > Afel is documented already in the 8th c. However, some of the examples cited as Afels are still open to doubt: see Degen 1969:19, n. 79 on Sefire III 3 יסכר and Degen 1969:68, n. 54 on ib. 17 יעברנה. On יסכר, Ben-Hayyim (1971:252) makes a case for its interpretation as Pael, but in the same line we find יהסכר and יהסכרן. The second problematic form can also be a Pael: cf. עבר יתחון יוסף ואלי יתחון 'Joseph removed them and exiled them' Targum Neofyti Gn 47.21. For further examples, see Sokoloff 1990:394b. The restored חשןלמן Sefire I B 24, if it should mean "you carry out, accomplish," can be, *pace* Fitzmyer (1995:108), only a Pael (so Degen 1969:70, n. 58): the verb in Afel means "to deliver, hand over" in Aramaic.

Voigt (1991:236f.) wants to evaluate the form יסכר more positively, namely as a harbinger of a later development, and being the sole instance of such and appearing in the same line next to the standard form with <h> it can hardly be more than a harbinger, scarcely an index of a distinct dialect, which Voigt

m, n), the syncope of /h/ in that position is, in the period under discussion here, virtually unheard of.⁽⁵²²⁾ It does not sound good phonology to lay down a rule applicable only to a narrowly defined morphological feature.⁽⁵²³⁾

In our corpus we find some 45 Afel's, which are decidedly a minority compared with Hafel's.⁽⁵²⁴⁾ It needs to be stressed that a significant majority of them, 23 out of 45, is concentrated in the Hermopolis papyri⁽⁵²⁵⁾. Reference has been made above to some examples of the pc. with Alef in the 7th cent., and Samalian shows the causative pc. without He, e.g. יָקַם 'he will raise.'⁽⁵²⁶⁾ Chronologically speaking, the Hermopolis papyri are, apart from a lone instance in אָצַל 'I shall reclaim' B1.1:14 (515 BCE), presumably the oldest among our corpus to attest to Afel, but it is attested throughout the fifth century (and the fourth century): ca. 475 מִנְפָקָה 'taking out' C3.7Ev1:15), 2nd quarter of the 5th c. (אִיחִיָּה 'I brought' A3.3:10), 446 יִנְפֹק 'he will take out' B2.7:12), late 5th c. (תִּשְׁכַּחֲוּ 'you will find' A4.2:10), 414 יִנְפֹקוּ 'they will take out' B3.10:21), last decade of the 5th c. (אָחֲבוּ 'they returned' A4.4:8), 402 יִנְפֹקוּ 'they will take out' B3.11:15), mid 4th c. (מִיָּחִי 'bringing' A3.11:5).⁽⁵²⁷⁾

wants to have.

⁵²² The corresponding Hebrew forms such as הִבְדִּיל מִבְדִּיל, יִבְדִּיל vis-à-vis הִבְדִּיל can only be clarified by postulating a syncopated /h/, for Hebrew knows only Hifil, no Afel, and beyond the causative binyan, but also in Hithpael (as in Aramaic to some extent), and notably with the definite article linked to proclitics (*לְהַסְפִּיר < לְסַפֵּר). Samalian seems to share this feature with Hebrew: see Dion 1974:121f., 201f.

⁵²³ Dion (1974:121f.) apparently does not think so. Also Tropper (1993:182f., 212) would interpret a Samalian form like יָקַם as evidencing a syncopation of /h/, but the postulated syncope of an intervocalic /h/ is confined in Samalian to this morphological environment, whereas the same dialect attests to the conditional particle אִן.

The striking spelling יִאֲחֲרֵם in a 7th cent. inscription from the Assyrian sphere of influence considered by Caquot (1971:15) possibly constitutes evidence of a genuine, alternative causative binyan. But יִאֲקִפּוּנִי 'they will surround me' 11QtgJob 30.16, an extremely rare form beside a host of regular Hafel and Afel forms, is to be viewed differently.

⁵²⁴ But not "ganz selten" (Baumgartner 1959:93); 'very rare' (נִדְרִידָה מְאֹד) (Kutscher 1972:87); "neben seltenem Afel" (Tropper 1993:212).

⁵²⁵ The only papyrus which does not use Afel is A2.7, which however does not use Hafel, either.

⁵²⁶ For details, see Dion 1974:121 and Tropper 1993:212.

⁵²⁷ Two possible examples occur in C1.1 [= Proverbs of Ahiqar: 5th c.?]:

The language of the Hermopolis papyri, however, is by no means uniform, for it makes use of Hafe! as well: *impv. fs* 'Dispatch!' A2.2:13 // למשרתהם 'to dispatch them' ib.; *pf. 2fs* הרתתי 'you brought' A2.1:6; *juss. 3mp* יהתו 'Let them bring!' A2.5:4 // ib.5. Note also *impf 2fp* תהיתן ib.5; *impv.* הושר A2.4:7, A2.5:4 // *pf. 2fs* אושרתי A2.1:4 // *2fp* הושרתן A2.5:7; *impf. 3fs* תושר.

The fluctuation is not confined to these papyri: יהנפק 'he will produce' B2.7:11 // ינפק ib.12, B3.12:29; ינפקן 'they will produce' B3.10:21, B3.11:15 // יהנפק ib.16.⁽⁵²⁸⁾

Other notable examples of Afel include: תשכחון 'you will find' A4.2:10; יחוני 'he will show me' A2.2:2; *pf. 3ms* אפקני 'he brought me out' A2.6:4; *Is* איתית 'I brought' A3.3:10 *3mp* אחרבו 'they returned' A4.4:8; *2mp* אחרתן 'you had in abundance' A2.1:5; *ptc. ms* מנס 'making leave' A2.2:3; מיחי 'bringing' A3.11:5.

In synchronic terms, the fact that a given verb is spelled in the same tense and by the same scribe indiscriminately with an Alef or a He (e.g., אושרתי 'you (f.sg.) dispatched' A2.1:4 // הושרתן 'you (f.pl.) dispatched' A2.5:7) can best be interpreted as an indication of an ongoing phonetic change, viz. /h/ > /p/ rather than as evidence of a symbiosis of the two causative binyanim, though Afel may have existed as a distinct causative binyan at

מנחתותהם 'to put them down' C1.1:170 and its variant למנחתותה 'to put it down' ib.171. Though למחתה A2.5:6 is clearly an A infinitive, these two infinitives in Ahiqar would constitute the only exceptions in this idiom, which otherwise uses Hafe! e.g. תהשכח 'you will find' C1.1:34, אל תהנשק 'Don't kindle' ib.87, לא יתחזה 'he will not tell' ib.188. On the other hand, Syr. uses the verb /nḥṭ/ in D as well. The use of verbs of physical movement such as קרב, עבר in D as well as in H/A is well documented. Kottsieper (1990:148) is of the same view. Another possible A form, ארני C1.1:107, has been interpreted above (§ 3 b) as tG. The notorious ינקדי ib.187 we would parse as G *impf.* derived from √ ניק, a root unattested elsewhere: see Lindenberger (1983:66f.). If we admit the partially restored יחזנה at יחזנהי C1.1:86 'Let him not show it,' it would make a rare Afel, whereas Kottsieper's אליחן[רר]הי is more unlikely. There remain two instances in the proverbs of Ahiqar that Kottsieper has not taken into account: אלהיא יסנה C1.1:126, where Lindenberger (1983:118) suggests an emendation יסנן, which he takes as a D form (1983:346). The verb occurs in JA (see Levy 1876-89: III 472f.) and Mandaic (Drower - Macuch 1963:317) in G/A, and in Syr. rarely in H. Dalman (1938:282) lists it only as an Afel verb. The other instance is יפקד לך מראך מין 'if your master entrusts you with water' C1.1:191. Kottsieper (1990:226) takes the verb as a G and meaning "to command," for which the analytic structure with ל is problematic, whereas a H form in the sense of 'to deposit' is probably found in הפקדי B2.9:7.

⁵²⁸ B3.10, B3.11, and B3.12 were written by the same scribe.

an earlier stage of Aamaic.⁽⁵²⁹⁾ Such a phonetically orientated interpretation is corroborated by spelling variations of a personal name *אושעיה* or *אושע* for *הושעיה* or *הושע*, or the conditional particle *אן* for *הן* 'if'.⁽⁵³⁰⁾

As intimated above, we would then consider a form such as *נפק* as a result of the next stage of this phonetic development: first the initial <h> changing to <ʔ> in the suffix conjugation and the impv. where the morpheme in question comes at the beginning of a word-form, thereafter the syncope of <ʔ> in the prefix conjugation, participle, and infinitive.⁽⁵³¹⁾

The so-called binyan Shafel is attested by a handful of vocables: *שזבנוי* 'they rescued us' A4.3:5; *שנציו* 'they succeeded' A6.7:7; *ישוב* 'he will rescue' D2.33:2. It is obvious that the pattern forms no integral, productive part of the binyan system of our idiom. Despite its assumed vowel pattern, it can conveniently be subsumed under D.

§ 29. -t binyan

Like other Aramaic dialects, our idiom knows forms with /t/ positioned immediately before the initial consonant of a verb, subject to the rule of metathesis (§ 3 r) applicable where the initial root consonant is a sibilant.

What has not been sufficiently stressed before, to the best of our knowledge, is that the prefixal /t/ is never preceded by /h/, thus producing ʔit-⁽⁵³²⁾ binyan, and this applies to the perfect as well. The only exception is *הזדהרי* 'Take heed!' tG impv. fs. D7.9:9 // *אזדהרו* A4.1:5. The binyan hit- is attested only once in OA in the notoriously difficult *התנאבו* Barrakab 1.14.⁽⁵³³⁾ No

⁵²⁹ "... the prefixes *h-* and *ʔ-* are not found simultaneously in the various languages" (Moscatti 1964:126) is simply not true.

⁵³⁰ For details, see above at § 3 k.

⁵³¹ Whereas Segert's observation (1975:259) that Afel is largely confined to irregular verbs is synchronically true, it is to be doubted that that had been the case right from the beginning. A glance at the examples given above shows that the picture is far from straightforward even among irregular verbs. The conjugational category seems to be playing a more decisive role than the root type. A similar complementary distribution has been noted with respect to the Aramaic Targum of Job from Qumran Cave XI: Muraoka 1974:433f. See also Schaeder 1930:249 and Beyer 1984:467.

⁵³² We assume the intervening vowel to have been *i*.

⁵³³ Cf. Degen 1969:67.

example is to be found in Samalian or in Fekheriyan.⁽⁵³⁴⁾ Since, however, such a formation *is* amply attested in BA and QA, alongside ^ʿit- patterns, in forms such as התְּנִיחַת (// אֲתִנִּיחַת) and התְּקַטֵּלָה, though only in the pf. and the inf., it must be considered a genuine Aramaic feature.⁽⁵³⁵⁾ Its limited distribution, however, cannot be overemphasised. Its rare occurrence in idioms earlier than BA must then be an accident of incomplete attestation.

But how could we account for the total absence of hit- pc.'s in Aramaic, including BA, which attests quite a number of pc.'s in one of the -t binyanim, but without He? Unless one postulates syncopation of /h/, the only plausible explanation is that, whereas originally there did exist both hit- and ^ʿit- pc., the former gave way to the latter under the influence of the perfect and the imperative, and this as a result of a phonetic process, namely word-initial /h/ > /ʔ/, attested also elsewhere (§ 3 k). See also our discussion above on the coexistence of Hafel and Afel.

It may reasonably be supposed that our idiom possessed, as later Aramaic dialects, a -t binyan for each of the three basic binyanim, thus -tG, -tD, and -tH. The only -tH (actually -tʿ) examples found in our corpus are pf. אֲתוּסַף 'it was added' C3.11:8 and juss. יִתּוּסַף ib.10⁽⁵³⁶⁾, and אֲתֻעָדִי 'he was removed' A6.6:3.⁽⁵³⁷⁾

The identification of a -t form as either -tG or -tD relies on our knowledge of later dialects, the context, or the opposition to non -t form, where attested. Even then the decision is not always certain.

More or less certain examples of -tG are⁽⁵³⁸⁾: pf. 3ms אֲשַׁתָּאר 'remained' B3.12:6⁽⁵³⁹⁾, אֲשַׁתָּבַק 'was abandoned' A6.11:2; 3mp

⁵³⁴ In Fekheriyan there occurs once a *t*-infix form: אֵל יִתְּזוֹר 'let it not be removed' (line 23).

⁵³⁵ Beyer (1984:463, 466) must be considered extreme and oversimplifying in attributing all Hit- forms in BA and in later Aramaic idioms to a Hebrew influence. The above-quoted הוֹדִדָּרִי is no Hebraism. See also Bauer - Leander (1927:107f.).

⁵³⁶ Perhaps to be corrected to pf. אֲתוּסַפּוּ. For Cowley's אֲתוּסַפּ (71.29), read now יִתּוּסַפּ C1.2:22.

⁵³⁷ This last verb could be a tG form: Syr. knows both tG and tD of it with the same meaning, but note TO Taj Lv 4.31 אֲתֻעָדָא, ib. 4.35 קִתְּעָדָא. In line with later dialects, we are inclined to analyse אֲשַׁתָּבַח as tG though its non-t binyan is H/Afel.

⁵³⁸ For examples of the imperative, see above.

⁵³⁹ So in TO Gen 7.23 *pace* Jastrow 1903:1509.

אשתכחו 'were found' A4.4:6, אשתכחו 'were seized' A4.4:6⁽⁵⁴⁰⁾; *lp* אשתוין 'we acted as equals' B2.11:2; *pc. 3ms* יתבנה 'will be built' A4.10:8, יתיהב 'will be given' A3.3:5, יתנגד 'let it be pulled up' A6.2:4, יתגטר 'will guard himself' C1.1:96, יתנחן 'will be given' B3.13:4, יתלקח 'will be taken' A2.3:9, יתעבד 'will be made' A4.5:9, יתקטל 'let him be killed' C1.1:62, יתשים 'let it be placed' A4.5:21 // יתשם A6.7:8, יתשלח 'let it be sent' A6.2:4; *2mp* תתפטרן 'will be released' A3.3:13; *impv. ms* possibly אדני (< אחדני *) 'Submit yourself!' C1.1:107⁽⁵⁴¹⁾, אזהר 'Take heed!' C2.1:65⁽⁵⁴²⁾; *fs* הודרהי 'Take heed!' D7.9:9; *mp* אשתמעו 'Obey!' A6.8:3; *ptc. ms* מתחזה 'becoming visible' C1.1:90, מתעבד 'being made' A4.9:11; *mp* משתמען 'obeying' A6.8:1; מתעשתן 'considering' D23.1 XI:8. A highly peculiar form, אשתמיע 'it was heard' C1.1:70, is best interpreted as an unusual mixture of a passive *ptc.* שמיע and the standard *tG* אשתמע.⁽⁵⁴³⁾

Of *-tD* one may note: *pf. 3mp* אשתדרו 'intervened' A4.3:4; אשתצרו 'were diminished' D1.34:4; *impf. 3ms* יתאלף 'will be taught' C1.1:175; יחסר (= יתאסר) 'will be restrained(?)' ib. (or an error for יתיסר 'will be chastised'); יתחבע 'will be satiated' C1.1:124; *3mp* יתכנשון 'will come together' C1.2:25⁽⁵⁴⁴⁾, יתכסון 'will be concealed' A4.3:11, יתתבלון 'will be supported' C1.1:73⁽⁵⁴⁵⁾; *impv. ms* אתנצח 'Be diligent' A6.16:1; אתעשה 'Take thought!' A4.7:23⁽⁵⁴⁶⁾; *ptc. mp* מתנצחון 'being diligent' A6.10:4.

As *-tH/-tA* forms we mention *pf. 3ms* אתעדרי 'was removed' A6.6:3⁽⁵⁴⁷⁾, אתוסף 'was added' C3.11:8.

The following cases are debatable as regards their binyan: *impf. 2ms* תתמלא 'you will be fully (paid)' B3.1:11, B4.4:17; תשתאל 'you will be interrogated' A6.8:3⁽⁵⁴⁸⁾; *2mp* תשתאלון A6.10:9;

⁵⁴⁰ On the assimilation of a of the root אחר, see § 3 e.

⁵⁴¹ On this last example, see above § 3 b.

⁵⁴² A G *pc* or A *impv.* is unlikely in view of the Akkadian version here: see Greenfield - Porten 1982:47. On the assimilation of /d/, see § 3 b.

⁵⁴³ So already Leander (1928:55). Another argument in support of this interpretation is that the standard *tG* אשתמע in our corpus means "to act obediently," whereas שמיע has definitely to do with physical aural perception.

⁵⁴⁴ D in BA, Syr. etc.

⁵⁴⁵ The active counterpart is in D: e.g. *ptc.* מסבל C1.1:48,72.

⁵⁴⁶ Vogt (1971:136) postulates *tG*, apparently based on BA G Dn 6.4 עשית, but TJ has D תעשית at Is 33.11.

⁵⁴⁷ Cf. TO Lv 4.31,35 אתעדא.

⁵⁴⁸ Cf. Syr. *tD* *ʔeštāʔal*/, but שאלתם 'you were interrogated' B2.9:8, an

impv. ms אשתמר 'Guard yourself!' C1.1:81,85. On Ayin-Waw/Yod verbs, see below § 35 *p*, and on Lamed-Yod verbs, see below § 37 *j, k*.

§ 30. The passive voice

Our idiom makes use of patterns marked specifically as passive in which the grammatical subject indicates the agent or doer of an action. Apart from instances of some -*t* binyanim mentioned above, we must single out the G passive, which in the perfect and *ptc.* is clearly visible in most cases because of the plene spelling with Yod: e.g., pf. קטל 'he was killed' C1.1:71. It is not certain what vowel, if any, followed the first root consonant. Other examples are: *pf. 3ms* עבד 'he was made' A6.4:3; spelled plene, עבד A4.7:15; *3fs* יחבת 'it was given' A6.15:1; *1s* שעינת 'it was imposed' B2.3:24⁽⁵⁴⁹⁾; *1s* שאילה 'she was interrogated' B8.10:6; *1s* שאילה A5.2:3; *2mp* שאילתם B2.9:8; *3mp* קטילו 'they were killed' A4.7:17; *ptc ms* גניב 'stolen' A4.3:4; *mp* עבדין 'made' A4.7:20; כתוב 'written' B2.10:8.

The passive G may be occasionally identified in the prefix conjugation as well. An obvious and incontrovertible case is יובל [= *yubal* or *yubbal*?] 'Let it be delivered!' A2.7:5.⁽⁵⁵⁰⁾ This same expression, though spelled defectively, occurs at the end of most of the Hermopolis papyri: A2.2:18, A2.3:14, A2.4:14, A2.5:10, A2.6:11. The only other passive G *impf.* occurs in ימנע 'a great (thing) which might be denied you' C1.1:136.⁽⁵⁵¹⁾

Equally rarely does one encounter passive forms of a binyan

obviously G passive (see below § 30 with a couple of other G pass. forms of the same verb), perhaps speaks for the interpretation of the forms as -*t*G.

⁵⁴⁹ The text reads: מומא שעינת לה וימאנת לה. Cowley (1923:289), Hoftijzer - Jongeling (1995:428), Bauer - Leander (1927:105), and Leander (1928:54) take the verb שעינת as G pass. *1s*. So seemingly Grelot (1972:179) with his translation: "je fus astreint à un serment envers lui." But a document closely related to it, B 2.2 (Cowley 6), has an illuminating expression: שעינת לי מומא 'they imposed upon you the oath to swear to me' B2.2:6. A comparison makes it clear that שעינת is actually *3fs* with מומא as the subject: the noun, despite its misleading ending, is a *fs abs.* form (see above § 14, n. 71).

⁵⁵⁰ Since יבל 'to transport' is, unlike in BA, used in our idiom in G (e.g. בלי 'Take me!' C1.1:52), this is not likely to be a passive Afel, as Fitzmyer (1979:204, n.56) thinks, though we do seem to have הבלו at C3.28:56, where, however, the reading is not certain, and the *pl.* form with a *sg.* subject is also odd. See also below § 31 *b* on the infinitive of יבל. Cf. also Folmer 1995: 221.

⁵⁵¹ Pace Lindenberger (1983:63), there is no possibility of reading ימענה

other than G, but they are mostly confined to the participle.⁽⁵⁵²⁾ Thus: D *ms* מפרש 'separated, separately' A6.1:3; מערב 'mixed' B4.4:5; *fs* מכתבה 'marked' D7.9:7; *mp* ממין 'appointed' A4.5:9, A6.7:5⁽⁵⁵³⁾. In three documents written by Haggai son of Shemaiah towards the end of the 5th c. we come across a curious phrase, מבני בי תחת B3.10:12, B3.11:2, sim. B3.12:13, translated by Porten - Yardeni (1989:89, 93, 97) as 'built is (the) lower house.'⁽⁵⁵⁴⁾ מבני is perhaps a D⁽⁵⁵⁵⁾ passive ptc., meaning, however, something slightly different than G pass. ptc. בנה 'built,' namely 'renovated.' One must then admit a lack of concord in מבני דרגה ותרבצה 'built is its stairway and courtyard' B3.11:3 with a multiple subject. An example other than D is a passive H in הפקרו 'they were put on deposit' B2.9:7, if it is not an impersonally used active H, 3mp.

Finally, there is one possible case of Afel passive perfect: לעד אשכח אש 'nobody has been found yet' A2.2:12, though לה אשכח 'I have found nobody' A2.4:11 (similar context) indicates a possible scribal error.⁽⁵⁵⁶⁾

§ 31. Pe-Yod verbs

C1.1:186 as passive on account of the object suffix.

⁵⁵² Cf. מקמא B7.2:10 (§ 35 n).

⁵⁵³ The possibility of D active is not to be foreclosed.

⁵⁵⁴ The crucial word, מבני, is taken by others, however, as a simple noun: 'bâtiment' (Grelot 1972:244), 'construction' (Hoftijzer - Jongeling 1995:591). The first editor of the texts, Kraeling (1969:241), gives 'construction,' though his view is that the form is an infinitive. But a singular noun ending with a Yod would be most unusual; such a fem. noun is also unknown. See also the following note.

⁵⁵⁵ D is well established: see lexica. Note the Syr. D nomen agentis /mvanna:ya:/ 'builder, architect.' Cf. a recent study by K. Hesterman (1992), who also argues for a D passive ptc. with the meaning "newly built, rebuilt," a meaning said to be known to Syr. and CPA. But 'to rebuild' is also expressed in our idiom in G with reference to a damaged Jewish temple in Elephantine (e.g. A4.7:23,25). It has rather to do with working on some already existing edifice or remains of it, for otherwise "to rebuild the ancient ruins" (Is 61:4, where a CPA version uses the verb in D) makes little sense. Note must also be taken of a G pass. ptc. in similar context: ... בנה בי תחת 'a lower house built, new ..' B3.5:8, sim. B3.7:3.

⁵⁵⁶ The passive in binyanim other than G and in forms other than the ptc. as attested in BA need not to be attributed to Hebrew influence: see Bauer - Leander 1927:94. Such is attested even in QA: e.g. 4QEn I xii 27 אֲחֻזָּא 'I was shown': cf. Beyer 1984:152, 467. For an alternative solution to this form

Verbs which show Yod as the first root letter in their G perfect and participle share certain inflectional features.⁽⁵⁵⁷⁾

a) In *G pf.* and *ptc.* these verbs are inflected exactly in the same way as any other trilateral regular verb: e.g. יבִּלְתֶּךָ 'I brought you' C1.1:48. However, in the prefix conjugation, the infinitive, and the imperative, the initial consonant is absent. Examples: *impf.* 3ms יִרְחֹנָה 'he will inherit from her' B2.6:21; 3fs תִּחַב 'she will sit' B2.6:23, B3.8:26⁽⁵⁵⁸⁾; חִלַּד 'she will bear' B2.6:33; 2ms תִּמְאָ 'you will swear' B7.1:6; תִּזָּךְ 'you shall borrow' (juss.) C1.1:130; אַל תִּצָּךְ 'Do not worry!' A2.4:3; תִּחַל 'you will be able' D7.24:4; 2fs תִּחַלְי 'you will be able' A2.3:4⁽⁵⁵⁹⁾; (אַל) תִּצָּפִי 'Do not worry!' (juss.) A2.1:8, A2.3:4, D1.1:14; 1s אֶחַל 'I shall be able' B2.6:35, D7.15:13, D23.1 II:8⁽⁵⁶⁰⁾; 3mp יִחַלּוּ 'they will be able' B3.10:15; *juss.* יִבְלוּ 'Let them bring' D7.39:4; 2mp תִּצָּפּוּ (אַל) 'Do not worry!' A2.2:3, D1.1:8; 2fp תִּחַלְי A2.5:5; 1p נִכַּל B5.1:4; נִבַּל 'we shall bring' B4.4:9⁽⁵⁶¹⁾.

It is difficult to tell whether our idiom knew the secondary gemination as in some later Aramaic dialects⁽⁵⁶²⁾ such as BA Dn 7.26 יִחַב (so Syr. /nettev/) Dn 3.29 יִכַּל, but Ezr 7.18 יִיטַב. The total absence in our corpus of forms such as BA Dn 4.14 יִדְעֹן does not have to be an indication that such gemination was foreign to our idiom. Nor do we know whether such gemination

difficult in the context, see Hayes - Hoftijzer 1970:103.

⁵⁵⁷ The label "Pe-Yod" is conventional; from a diachronic and/or comparative standpoint it is, of course, more accurate to speak of "Pe-Yod/Waw verbs." Furthermore, there could be Pe-Yod/Waw verbs which in historical times were never used in G.

⁵⁵⁸ On the problem of the preposition עַל, which follows the verb, see above, § 20 c, n. 194.

⁵⁵⁹ The context makes it more natural to take this form as 2fs spelled defectively rather than as 2mp: see § 24 h.

⁵⁶⁰ Our idiom, like BA, uses a synonymous root כָּהַל as well (e.g. אֶכְהַל B3.7:14,15), though the distribution pattern of the two roots differs between the two idioms.

⁵⁶¹ There is no compelling reason to regard this and other *impf.* forms of יִבַּל as Afels, whereas בִּלְנִי 'Take me!' C1.1:52 is assuredly a G. Hug (1993:83) takes אֶבַל in a broken context (.. אֶבַל חַי .. "ich werde lebendig gebracht werden" D1.1:4) as G passive *impf.*

⁵⁶² The question is not addressed by Müller-Kessler (1991:202f.) with respect to CPA, for which she postulates /yi:tab/ etc. as against Schulthess (1924:75), who gives /yetteh/ etc.

was confined, as in BA (and Syriac^[563]), to these three verbs or not.⁽⁵⁶⁴⁾

b) *G inf.*: למזביל 'to carry' A3.10:4, B4.4:13, D5.15:1; למוזא 'to swear' B2.2:6, B8.9:4; למתק 'to suck' C1.1:168; למרחב 'to sit' D23.1 Va:9. The use of Waw in these forms is noteworthy. It is most plausibly taken as indicating *maqtal* as the pattern of the G infinitive in contrast to *miqtal* in later Aramaic dialects⁽⁵⁶⁵⁾, which would have led to *mi:bal* < *miwbal*, which one expects would be spelled either מִיבַל or מִבַּל.

The form מִזְנֵק suggests that for the G infinitive the Pe-Waw type pushed out the Pe-Yod type, for by universal agreement the root concerned is of Pe-Yod type. One may further infer that this applied to the pc. of our idiom, suggesting that no such form as יִזְנֵק⁽⁵⁶⁶⁾ existed in it

⁵⁶³ For יִל, except in the ptc., Syr. uses Afel /*peškah*/.

⁵⁶⁴ While Leander (1928:59) reconstructs /*tizzif*/ for מִזְנֵק, TO Dt 15.6 has מִזְנֵק. Similarly Babylonian Talmudic Aramaic מִזְנֵק (Morag [1988:201], TO Gn 17.19 מִזְנֵק). Though this has not, to our best knowledge, been recognised before, this secondary gemination appears to be confined to verbs whose second radical is one of the six plosives: the so-called Begad-kefath. (This is true of Syriac and JA.) As we cannot identify any phonetic feature of these six sounds which could possibly trigger such gemination, we would tentatively suggest that it is a secondary development arising from the logico-semantic affinity between the prefix conjugation and the imperative, and such a development is likely to have coincided with the onset of spirantisation of the very same six consonants, which would have led to a form such as /*yedaʕ*/ instead of the "desired" /*yedaʕ*/ parallel to /*daʕ*/. Should this argument be found acceptable, it would provide another indication for the *post quem*, the earliest possible date, of the spirantisation, for a form such as Impf. יִדַּע for יִדַּע could only develop after the hypothesised secondary gemination of the *d*. Further, נָבֵל 'we shall bring' B4.4:9 could, *pace* Beyer's (1984:592) /*nabéil*/, belong here. In the Aramaic of the Babylonian Talmud in the Yemenite tradition, the verb יִדַּע belongs to both categories: לִידַּע, לִידַּע and נִידַּע (Morag: 1988:201), though the former may be due to an influence of Mishnaic Hebrew. Should our hypothesis prove right, לִישְׁבִּי Sefire III 6 should be vocalised as /*la:yišibu:n*/, not /*la:yiššibu:n*/ (Fitzmyer 1995: 148). Garr (1985:131) seems simply to project the situation in later Aramaic dialects into the OA period, but without offering any argument for it.

⁵⁶⁵ *Pace* Garr 1985:128f.

Segert's (1975:275f.) suggestion that the gemination is due to a desire to keep the sc. יִזְבֵּק from the pc. *יִזְבֵּק, which would otherwise have resulted as a result of the vowel deletion rule, is unlikely in view of TO forms such as מִזְנֵק, which occur side by side with יִזְבֵּק and יִדַּע.

⁵⁶⁶ Comparable to Fekheriyan מִזְנֵק (line 15), which is, *pace* Muraoka

c) **G *impv.***: *ms* 'Give!' A3.8:5; 'Borrow!' C1.1:129; 'Dwell!' B2.4:6; *fs* 'Give it (f.)' A3.4:4, B2.3:19; *mp* 'Bring it (f.)' A3.10:3, A4.3:9; 'Bring it (f.)' D7.9:3. One may assume that, as in BA, the accent fell on the stem as in the jussive, unless a conjunctive pronoun is added as in 'Give it (f.)!' A3.4:3⁽⁵⁶⁷⁾ and 'Carry me!' B2.7:16, D7.5:7 'Give (fs) it (m.)!' B2.7:16. But in 'Carry me!' C1.1:52 one may postulate a penultimate stress, /bálni/.

d) In the causative binyan **Hafel** or **Afel** we can, as in other Aramaic idioms, recognise two subgroups: the one showing Waw in the slot for the first radical, and the other showing Yod instead.⁽⁵⁶⁸⁾

With **Waw**: *pf. 2ms* 'you satisfied' B2.2:11+(⁵⁶⁹); 'you dispatched' A3.9:4; 'you honoured' C1.1:112; *2fs* 'you dispatched' A3.7:3; 'you dispatched' A2.1:4; *2mp* 'you dispatched' B2.9:8; 'you dispatched' D7.47:8; 'you had in abundance' A2.1:5; *2fp* 'you had in abundance' A2.5:7; *1p* 'we made known' A4.7:29; *pc. 3fs* 'she will send' A2.2:7; *2ms* 'Do not entrust!' D7.6:4; *1s* 'Do not entrust!' D7.16:1; *3mp* 'they will add' A6.2:18; *2mp* 'they will add' A6.10:9; 'Make known!' D7.44:4; *impv. ms* 'Make known!' C2:1:66; 'Dispatch!' A2.4:7, A2.5:4; 'Make heavy!' A2.5:4; 'Make heavy!' C1.1:82; *fs* 'Make heavy!' A2.2:13, D7.2:1; *mp* 'Make heavy!' A6.12:3, D7.7:1; *inf.* 'to add' A6.2:17(⁵⁷⁰); *ptc. mp* [מהוסי] A6.10:5.

With **Yod**: *pf. 3ms* 'he lamented' C1.1:41; *3mp* 'they carried' C3.28:56.⁽⁵⁷¹⁾ An important verb which belongs to this group is 'to come,' which in G is conjugated as Pe-Alef verb (see below § 32): *pf. 3ms* 'he brought' A6.12:1; *impf. 3ms* 'he brought' A6.2:13; *juss. 3mp* 'bring!' D1.1:6(⁵⁷²); *inf.* 'to bring' A4.5:14; *ptc. ms* 'bringing' C3.16:2. See further under Lamed-Yod verbs (§ 37).

e) The binyan **Ettafal** seems to be attested in *pf. 3ms* 'it was added' C3.11:8.

(1983-84:88), G, not H/A. Cf. למק 'to suck' in JA: Sokoloff 1990:242b.

⁵⁶⁷ Unless the form is a defective spelling for הבה. It is not to be equated with Heb. הִבֵּה, an extended imperative.

⁵⁶⁸ The question of possible contraction in these positions has been dealt with above (§ 8). See אחרתן A2.1:5 quoted above.

⁵⁶⁹ In OA this is a genuine Pe-Yod verb: Barrakab I 12 'I made it better.'

⁵⁷⁰ On the syntax of this infinitive, see below § 56 h.

⁵⁷¹ On the problematic nature of this form, note יבל in Dcir Alla I 11, on which see Hoftijzer:1976:205f., 293.

⁵⁷² Possibly a G.

f) Apart from the unattested passive H binyan, Pe-Yod verbs can be assumed to be conjugated like the regular verb in all the remaining binyanim. The only attested cases are: **D** *ptc. ms* מִצָּב 'validated' B3.10:22⁽⁵⁷³⁾; **tG** *impf. 3ms* יִתְּנֶה 'it will be given' A3.3:5.

g) See also under Pe-Alef verbs (§ 32 *b*).

§ 32. Pe-Alef verbs

Verbs whose initial root consonant is Alef display certain irregularities in the binyanim G, tG, and H/A as a result of the syncope of the glottal stop and the possible consequential gemination of /t/ in the case of tG.⁽⁵⁷⁴⁾

a) In the binyan **G** the said syncope is observable in the following examples of phonetic spelling: *impf. 1s* אֶאָמֵר for אָמַר 'I shall say' B2.1:12, B2.3:20, B3.1:11, B3.7:15, B4.1:2; *3ms* יָחֵז for יָחִיז 'he will come' B3.4:22; *juss. 2mp.* תִּחְזְרוּ 'you shall seize' A6.16:3; *inf.* לִמְחֹד 'to seize' B3.13:10 // לִמְחֹדֵר B4.4:17; לִמְרֹ 'to say' A4.9:2† // לִמְאָמֵר C1.1:163, D7.39:10⁽⁵⁷⁵⁾. For a non-standard form lacking the prefix Mem, לֵאמֹר C3.13:56+, see above § 23 *p*.

The syncope, however, is exception, not the rule. Thus יֵאָבֵד 'it will get lost' D7.5:10, D7.16:3; יֵאָמֵר 'he will say' C1.1:193; לֵמְחֹל 'to go' D7.1:9; לֵמְאָכֵל C3.13:9 and tens of others. In all those cases one may assume historical or etymological spelling.⁽⁵⁷⁶⁾

b) The only Pe-Alef verb in our corpus that appears in the causative binyan is simultaneously a Lamed-Yod verb, namely אָחִיז 'to come,' and it is conjugated like a Pe-Yod verb. See above at § 31 *d* and below at § 37. Since BA, in which the same verb is conjugated in analogous fashion, conjugates other Pe-Alef verbs in the manner of Pe-Yod verbs (e.g. Dn 2.24 תִּהְיוּבֵד 'you will destroy'), one may postulate the same for our idiom.

c) The only -tG examples found in our corpus are: אֶתְחַזְרוּ (< אֶתְחַזְרוּ) 'they were seized' A4.4:6; *juss. 2ms* אַל תִּתְחַשֵּׁר 'Do not

⁵⁷³ Possibly passive: cf. Kutscher (1954:237).

⁵⁷⁴ See above § 3 *e, m*.

⁵⁷⁵ See above § 23 *p*.

⁵⁷⁶ Müller-Kessler (1991:203) is slightly inaccurate and is going a shade too far when she says: "Die Flexion der Verba P im Imperfekt Peal ... und Afel ... unterscheidet sich seit dem RA graphisch nicht mehr von der der Verba Iy." The infinitive needs to be mentioned. Spellings such as יֵאָכֵל 'he can' in CPA do not occur in our idiom.

get upset!' A3.3:7; *impf. 3ms* יחסר (if from אסר√, and not יסר√⁵⁷⁷) 'he will be restrained' C1.1:175.

d) No irregularity may be assumed in the remaining conjugations, which, however, are attested only by *-tD impf. 3ms* יתאלף 'he will be taught' C1.1:175.

e) The *G impv.* shows no sign of the aphaeresis of the initial Alef as in later Aram. dialects⁵⁷⁸: thus *ms* אזל 'Go!' A3.8:8, C2.1:19; אמר 'Say!' C1.1:58; אתה 'Come!' D7.8:6; *fs* אחי C1.1:166; אחי D7.1:5; אמרי D7.18:3; *mp* אזלי C2.1:53; אמרו A5.5:12.

§ 33. Pe-Nun verbs

a) The main thing that calls for our attention in verbs whose initial radical is Nun is the question of its assimilation in G and A/H, on the general phonetic aspect of which see above § 3 a. Under this group we subsume also סלק 'to ascend' and לקח 'to take,' although no instance of analogously assimilated cases of these verbs is to be found in our corpus, the sole exception being ויקחנה 'and they will take it' D4.8:1.⁵⁷⁹ Since this phonetic question, which is relevant only to G *impf.*, *inf.*, and H/A as a whole, but not to Ayin-Waw/Yod roots, has been dealt with above fairly extensively, we shall content ourselves here with giving some examples illustrating various inflectional categories.

b) Without Nun written - *G impf. 3mp* יחתון 'they will descend' C1.2:6; יתנון 'they will give' D1.17:8,9; *1p* נתן 'we shall give' A4.10:13; *2ms* חשא 'you will carry' B1.1:13; - *H/A pf. 3ms* אפק 'he brought out' D7.7:6, אפקני 'he brought me out' A2.5:6; *impf. 3ms* יהפק 'he will take out' D7.14:3; *1s* אצל 'I shall reclaim' B1.1:14; *ptc. mp* מפקן A2.5:3; *inf.* למחצה 'to bring down' A2.5:6.

c) With Nun written - *G impf. 3ms* ילקח 'he will take' B6.4:1, D23.1 Va:4; יסח 'he will tear out' C1.1:156,210⁵⁸⁰; אל יפי 'Let him not sift!' D7.5:4 (juss.); יתן 'he will give' A3.8:8, יתנה 'May he give it!' D7.29:9; ישא 'he will bear' C1.1:185; *3fs* תנפק 'it will go out' C1.1:172; *2ms* תנפק B3.12:22; תלקחן C1.1:167 (energ.); *2fs* תנתן B3.10:21; *1s* אנתנה 'I will give it' D7.29:5, אנתן B1.1:10 // אנתנה ib.11; אנתנהם 'I shall give them' D23.1 II:15;

⁵⁷⁷ Cf. above § 3 e.

⁵⁷⁸ Cf. Müller-Kessler 1991:186.

⁵⁷⁹ The former occurs only three times (למסך B3.7:10,13; למסלך B3.10:15, both *inf.*), but the latter is much more frequent.

⁵⁸⁰ Our interpretation of the form as G is based on יסחו Nerab 1.9 and BA Ezr 6.11 יתסח.

אלקח 'I will take' B1.1:9, D7.16:4; אנשא 'I shall carry' D23.1 Vb: 6; *3mp* יתחנן A6.11:3 (juss.); ילקחו D7.39:6 (juss.); ירדשו 'Let them demolish!' A4.7:8 (juss.); תתנון 'you will give' D2.21:4; תתנו A6.9:6 (juss.); *inf.* למנסך (< למסך*) 'to ascend' B3.7:10,13 // למסלק B3.10:15 (see § 2 b); למנחת 'to descend' B3.7:10+; למנשר 'to watch' C1.1:191; למנסך 'to pour libation' C3.13:7; למנפק 'to go out' B3.7:14, B3.11:3; (ל)מנשא 'to raise' B3.8:19+; למנחן 'to give' A3.10:4+; - **H/A pf.** 2ms הנפקת 'you brought out' B7.2:5; *3mp* הנפקו A4.7:16; *impf.* 3ms יהנפק A6.13:3+; ינפק B2.7:12; יהנצל 'he will reclaim' B3.5:30; *3fs* תהנפק B2.6:28+; יהנצל B8.4:14+; 1s אהנצל B2.3:18, B3.7:15; אצל B3.3:13; יהנשג 'he will overtake/perceive' C1.1:199; אל תהנשק 'Do not kindle it' C1.1:87 (juss.); *3mp* יהנפקן B2.3:15; ינפקן B3.10:21+; *impv.* ms להנחת 'Bring down!' A3.8:13, D1.13:5; *fs* הנפקי B2.3:27; *inf.* למנחתתה 'to put it down' C1.1:171; מנחתתם 'to put them down' ib.170⁽⁵⁸¹⁾; *ptc.* מנפקה C3.7Ev1:15, sim. C3.7Ev2:6.

d) All attested **G imperatives** have no initial Nun: *ms* חת 'Descend!' A3.8:8; טר 'Watch!' C1.1:82; שא 'Raise!' C1.1:169; *mp* טרו A6.10:6. See also קח 'Take!' D1.14:2; קחי D20.5:3. Though we do not know for certain whether every Pe-Nun G imperative suffered aphaeresis or not, the chances are that it did.⁽⁵⁸²⁾ The fact that this is so even in the Ahiqar proverbs, the language of which generally retains the initial Nun, indicates that its aphaeresis is a time-honoured phenomenon.

§ 34. Lamed-Alef verbs

a) The tendency for verbs whose third radical is Alef to converge with those whose third radical is Yod is a well-known general Aramaic phenomenon.⁽⁵⁸³⁾ This transition was most likely triggered by the apocope of word-final glottal stop. This feature, which in later Aram. dialects would effectively lead to the disappearance of these verbs as a distinct conjugation group, is clearly visible in our idiom.

b) The following orthographic contrasts demonstrate this development: **G pf.** 3ms משה 'arrived' B7.2:7, *3fs* משה B3.1:6 // משה D7.8:3, and *3mp*⁽⁵⁸⁴⁾ משו A4.2:15; *inf.* [למח]שא 'upon arrival' C2.1:41 // למחשה ib.20,25; *impf.* 3fs תמשה A3.8:7, D23.1 II:7 //

⁵⁸¹ Both of these can be D infinitives: see above § 25.

⁵⁸² Some later dialects do retain the initial *n* in some verbs: see, e.g., Nöldeke 1898:111, Morag 1988:185f., and Müller-Kessler 1991:197.

✓⁵⁸³ Cf. Folmer 1995: 222-36.

⁵⁸⁴ The pl. subject is actually a feminine noun. See above § 23 g.

תמטה A2.6:5. מטה and מטה (and some others to be mentioned shortly) are the most telling examples. The other two pairs, however, could be only orthographic variations.⁽⁵⁸⁵⁾

Furthermore, that the root-final Alef has ceased to exist as consonant even where it did not end a word-form is proven by its graphic absence in the following cases⁽⁵⁸⁶⁾: **G pf 3fs** מִשְׁתִּי 'it reached me' A2.1:4; **3mp** כָּלוּ 'they detained' A4.2:15; כָּלוּהִי 'they detained him' ib.13; **1s** כָּלִיתִךָ 'I restrained you' B2.1:7; **ptc. act. mp** כָּלִין 'detaining' A4.2:14⁽⁵⁸⁷⁾; מָלִין 'are full' ib.11; **G pass. pf.** כָּלִי '(was) withheld' A3.3:6.⁽⁵⁸⁸⁾

A complete merger with Lamed-Yod verbs is indicated by מקריא 'the declaration' B7.2:6; **G juss. 2ms** תִּמְלִי 'You shall be full' A3.3:10⁽⁵⁸⁹⁾; a hybrid spelling in **G pf. 2fs** נִשְׂאִית 'I carried' C1.1:159⁽⁵⁹⁰⁾; a phonetic spelling מִלִּיתִי 'you were full' A2.3:6; **G impf. 3fs** תִּמְשֹׁךְ 'it will reach you' A3.9:2; **3mp** יִרְפֹּן 'they will heal' C1.1:154⁽⁵⁹¹⁾; **G pf. 1s** שָׂנִית 'I hated' B3.8:21 // שָׁנִית B3.3:7; שָׁנִית 'I hated you' ib.25.

In the light of this marked⁽⁵⁹²⁾ drift it is a reasonable assumption that a spelling with Alef in cases as the following was not meant to indicate any phonetic shape which would be different if spelled in conformity with Lamed-Yod verbs: **G pc.** יִמְלֵא C1.2:18; אֶכְלֵא 'I shall restrain' B2.1:6 alongside the above-quoted כָּלִיתִךָ B2.1:7,13; תִּמְאֹן 'you shall swear' B8.9:3 (simultaneously Pe-Yod and the Waw supralinear); **juss.** אֵל יִכְלֵא 'let them [not] withhold' D7.10:3; **G pf.** מִשָּׂא B7.2:7 and אֶקְרֵא ib.7 next to **pf. 1s** קִרֵּית 'I declared' ib.10 and מקריא 'the declaration'

⁵⁸⁵ As rightly pointed out by Folmer (1995:232-35).

⁵⁸⁶ Already in Samalian—Hadad 13 קִרֵּי 'he used to call me'—as pointed out by Schaefer 1930:233, and see Tropper 1993:75.

⁵⁸⁷ Some authorities, e.g. Leander (1928:64) and Segert (1975:295) take the form as pf. 1pl., which is unlikely in view of the following לִי: cf. below § 38 f(7).

⁵⁸⁸ If this were a passive ptc., one would expect *כָּלוּהִי: see § 37 f.

⁵⁸⁹ On the spelling with a Yod, see below § 37 d.

⁵⁹⁰ On this conflated form, see an illuminating explanation by Schaefer 1930:234.

⁵⁹¹ An alternative interpretation would derive the form from a Lamed-Yod verb רָפָה 'to be loose': see Lindenberger (1983:154).

⁵⁹² Baumgartner's (1959:101) "zum Teil" is definitely an understatement, which appears to be largely based on the numerical preponderance of cases with an etymological Alef, but not on any analysis of how the forms in question are spelled, whether with or without Alef.

ib.6; חשנא 'she will hate' B3.8:24 // the above quoted שנית 'I hated' ib.21 and שניתך 'I hated you' ib.25.

We are inclined to see a mere historical or etymological spelling in cases like שנאת 'I hated' B2.6:23,27 in view of שנית with the same meaning at B3.8:21; *pf.* 3*fs* מטאה 'it arrived' A3.5:2, D7.8:3⁽⁵⁹³⁾ in view of מטה with the same meaning at B3.1:6 (cf. also מטחתי 'it reached me' A2.1:4); יכלאנך 'he will restrain you' B2.1:6 and אמחאנך 'will hit you' C1.1:177 in view of רמטנך 'it (f.) will reach you' A3.9:2 and י[מ]חנך B1.1:9 'he will harm you'; *G inf.* לחמא 'to swear' B2.2:6, B8.9:4. See also יקראון 'they will call' C1.1:165; ימא 'he swore' B7.3:2; ימאח 'I swore' B2.3:24; same spelling, but 2*ms* B2.2:4; 2*fs* ימאחי B2.8:5. We should interpret מ[ט]אחי 'they reached me' D7.54:6 in the light of כלודי 'they detained him' A4.2:13, namely, the Alef as an etymological, silent letter. See also מטחי 'he reached me' B2.11:5 and מטחך 'he reached you' ib.3.

c) The absence of Alef of Lamed-Alef verbs even at the graphic level and the merger of this conjugation class with Lamed-Yod verbs is attested over the entire time-span represented by our corpus.

d) The only instance of which one knows for certain that the third radical Alef remains consonantal is *G ptc fs* מטאה A2.4:4, B2.8:5, which is hardly /ma:ta:/, but rather /ma:t(i)ʔa:/.⁽⁵⁹⁴⁾ In any case, it had not become מטיה. Another instance of a lingering Lamed-Alef verb is the impv. שא 'Carry!' C1.1:169, not *שי as a standard Lamed-Yod verb: cf. BA Ezr 5.15 שא.⁽⁵⁹⁵⁾ ימטאן 'they will arrive' D23.1 XII:4 is another possible archaic form, though it could be a historical spelling with /aw/ contracted to /o:/.⁽⁵⁹⁶⁾

The data presented above, then, seem to point to a virtually systematic convergence of the Lamed-Alef class with the Lamed-Yod class, and it is hence reasonable to conclude that ימלא, for instance, was pronounced *yimle* rather than **yimla*⁽⁵⁹⁶⁾, and a

⁵⁹³ This is the correct reading at D7.8:3, not מטיה (Baumgartner 1959:102), which found its way into the critical apparatus of his BHS edition of the book of Daniel at Dn 4.21.

⁵⁹⁴ The second example, which is parallel with ימאחי, a *pf.*, may be an error for מטחח, unless a historic present (§ 65 d).

⁵⁹⁵ For other attestations of this verb, see under Pe-Nun verbs (§ 33). From the attested forms it cannot be determined whether its imperfect (ישא, ינשא, תנשא) and infinitive (מנשא) also conformed to the Lamed-Yod pattern or not. Note for BA a Lamed-Alef form in Ezr 4.19 מתנשא.

⁵⁹⁶ So in BA, e.g. Dn 5.17 אקרא 'I shall read.'

spelling such as חמטה is a truer reflection of the contemporary phonetic reality rather than חמטא, which ought to be regarded as a historical or etymological spelling.⁽⁵⁹⁷⁾

§ 35. Ayin-Waw/Yod verbs

a) As is common in Semitic linguistics, we are concerned with verb roots with Waw or Yod as their middle consonant⁽⁵⁹⁸⁾, which in the G functions in fact as a vowel, except in the participle. One can distinguish three subgroups each with its characteristic vowel which is best seen in the prefix conjugation.

b) *G impf*: *u*-type—*3ms* יקום 'he will rise' A3.8:6; ימות 'he will die' B2.6:17; *3fs* תמות B3.7:18; תקום B3.3:9; *2ms* תקום A3.8:7, 13, C1.1:85; תמות C1.1:177; *2fs juss.* אל תקמי A2.2:15; *1s* אקם B1.1:10; אמות B3.5:18; אחרוב 'I shall be obliged' B3.5:14+; אחרוב 'I shall return' B7.1:5; *3mp* ימרחון C1.1:110; ילושון 'they will curse' ib.151; *juss.* יקמו 'let them stand' D1.34:5; *1p* נקום B3.4:20; נחרוב B3.6:14.

c) *i*-type: *3ms* ישימך 'he will put you' A4.7:2; *2ms* אל תשים 'Do not put' C1.1:130; *1s* אשים; *3mp* ישימון C1.1:163; *juss.* ישמו A6.6:1, A6.16:5.⁽⁵⁹⁹⁾

d) *a*-type: *3ms* ידך 'he will go' B3.11:15⁽⁶⁰⁰⁾; *3fs* תהך B2.6:25+; *2ms* תהך C1.1:86+; *1s* אהך B2.3:22; *3mp* יהכון 'they will go' B3.1:19, D8.1:1 // יהכן B3.4:23.

e) Two *jussives* mentioned above, תקמי and ישמו, are spelled with no mater lectionis in the middle. These are to be contrasted with two others which are spelled plene, though the context leads one to expect the jussive: אל תקום C1.1:85+ and אל תשים ib.130. In addition, there is one unusual defective spelling in אקם, though the context is mildly volitive. Leaving the last-mentioned case aside, both of the two sets of forms are surprising: the middle vowel of the first two is in an open *and* presumably stressed syllable, which makes one expect the use of a mater lectionis, whereas in the last two a mater lectionis appears in a syllable which is closed and presumably unstressed. If we are to hazard an explanation, despite the limited amount of evidence, the surprising plene spelling may have to do with the occasional

⁵⁹⁷ See also Schaeder 1930:233-35.

⁵⁹⁸ The roots חיל and חיל, however, are dealt as Lamed-Yod verbs, since their middle consonant is consonantal throughout their conjugation.

⁵⁹⁹ Here belongs also תיקנה C1.1:187, if correctly interpreted: see above n. 527.

⁶⁰⁰ Cf. BA Ezr 7.13 יקך.

failure of the author (or redactor) of the Proverbs of Ahikar to keep the indicative and jussive apart⁽⁶⁰¹⁾, whereas the defective spelling may indicate either a short *u* or a vowel other than *u*, say, a variety of *o* as in BH קָמָה, in other words, the nature of the vowel in question may not have been determined by the factors mentioned above leading one to expect a long *u*, but rather analogically determined by the jussive form without a vocalic ending such as 2ms whose second vowel was presumably unstressed and short, and even coloured towards *o*.⁽⁶⁰²⁾ See also below (§ *g*) on the imperative.

f) The **G perfect** comes in two varieties characterised by *a* (?) and *i* as their respective stem vowel.

a-type: 3ms קָמָה 'he rose' D23.1 V:8; 1s קָמָה 'I arose' B1.1:10; שָׂמָה 'I put' C2.1:49; 3p שָׂמָה C3.8IIIB:30⁽⁶⁰³⁾; 1p קָמָה B3.6:13.

i-type: 3ms טִיב 'was good' A3.3:2, B2.6:15, B2.8:5+⁽⁶⁰⁴⁾; מִיתָ 'he died' B2.1:8⁽⁶⁰⁵⁾; 3fs(?) טִיבָה C1.1:67; 2fs מִיתָה B3.5:17; 1s

⁶⁰¹ Both examples are from the proverbs.

⁶⁰² Note an orthographic opposition in Fekheriyan: לָשָׂם 'Let him place!' (line 11) vs. יָשָׂם 'he will place' (line 12).

Cf. /ye:qom/ reconstructed by Müller-Kessler (1991:215) for CPA with the predominantly penultimate accent, partly on the basis of SA /ye:qom/, also with penultimate accent. Judging from "Formenbelege" provided by Müller-Kessler (1991:215f.) the use of the diacritical point with the letter Waw is not unequivocal.

⁶⁰³ Possibly an imperative.

⁶⁰⁴ In some cases the context does not make it clear whether one is dealing with a pf. or a ptc. This is true, for instance, at A3.3:2 "From the day that you went (אָוֹלָה) on the way, my heart has not been satisfied (לִבִּי לֹא טִיב)." But in other cases the form occurs in conjunction with another pf., which makes its interpretation as pf. somewhat secure as at B2.6:15 "it came (עָלָה) into me and my heart was satisfied therein" (טִיב לִבִּי בָנוּ). Likewise B2.8:5, B2.9:9 (note הוֹטַבְתָּם, ib.8), B3.4:6, B3.8:5, B3.12:6,14,26, B5.5:7, although in all these cases the translation with the present tense is satisfactory. However, as far as the form is concerned, טִיב at C1.1:67 "it [= his advice?] was found acceptable to his colleagues" clinches the matter, though it does not occur with לִבִּי as the subject as in all the cases of טִיב. As regards the translation value, the pf. of our verb can clearly be translated as a past tense. Whether the form טִיב is a pf. or ptc. seems to be a separate issue. The whole question must have to do with a peculiarity of stative verbs; note the remarkable variation at B2.6:5 טִיב לִבִּי, where one is likely dealing with a variant pf. defectively spelled for טִיב.

⁶⁰⁵ The parallel כָּלִיתָךְ 'I restrained you' makes it unlikely that מִיתָ here is a participle or an adjective.

מיתח B3.1:14, D1.12:6; מאתח (!) B3.13:8.

g) **G impv.**: *ms* קום 'Arise' D7.24:5; שם 'Put!' A6.3:7, A6.5:3⁽⁶⁰⁶⁾; *fs* קומי D7.1:5; *mp* קמו A4.3:6; זולו 'Sell!' A4.3:8; לשו 'Knead!' D7.6.7.† The defective spelling of שם, לשו, and קמו is striking. In the light of our discussion above (§ e), the middle Waw of קום, קומי, and זולו might be an unusual plene spelling for a short *u* or *o*.

h) **G ptc.**: *act. ms* מיה 'dying' A2.5:8⁽⁶⁰⁷⁾; *fs* חיבה 'obligated' B6.4:8⁽⁶⁰⁸⁾; *mp* קימן 'standing' B3.4:4, צימן 'fasting' A4.7:15 // צימן ib.20; *pass. ms* שים 'put' A4.3:10; *fs* שימה C1.1:79; *fp* שימן B8.5:2. The *act. ms* form such as *שים is graphically indistinguishable from its *pass.* counterpart, but most likely was phonetically distinct: *act.* /ša:yim/ vs. *pass.* /ši:m/ or such like.

i) **G inf.**: למשם 'to put' D7.2:7; למהך 'to go' A3.1:5; למזלכי 'to sell you' B3.6:6.

j) **G pass. pf.**: *3ms* שים 'was put' A6.2:22,23,25+; *1s* שימת D7.10:2.

k) **H/A pf.**: *3ms* החיב 'he returned' B2.9:7; הקים 'he established' C1.1:12; הקם D23.1 Va:8; הקימי 'he established me' C1.1:109; *2ms* הקימת ib.44; *1s* הקימת ib.23, C2.1III:1; *3p* אחבו A4.4:8.

l) **H/A impf.**: *3ms* יהחיבנהי 'he will return it' C1.1:126; *2ms* + *3ms* לאתחיבנה (for לאתחיבנה) 'you shall not bring him back' D23.1 II:15; *1s* אקמך 'I will have you stand' D7.24:6.

m) **H impv.**: *ms* החב 'Return!' A6.15:7,10; הקימי 'Establish me!' C1.1:109. Let us note the defective spelling of the *impv.* החב as against the plene *pf.* (see above, [k]) and our discussion above, e).

n) **H ptc.**: מהחייב 'return' D2.29:2; possibly a substantivised *H ptc.* in מקמיא אלה 'these supporters' (*act.*) or 'officials' (*pass.*)(?) B7.2:10.⁽⁶⁰⁹⁾

⁶⁰⁶ Unlikely a *ptc.*

⁶⁰⁷ In הות מית 'I was on the point of death.' The form is more likely a *ptc.* than an *adj.* 'dead,' for which מת is used in contrast to חי 'alive' ib.9. The word-order also agrees with that of the periphrastic construction הות + *ptc.* so typical of the idiom of the Hermopolis papyri: see below § 55 g.

The scarcity of documentation prevents us from determining whether an alternative form with a medial Alef as in BA קאם; was possible in our idiom. See Bauer - Leander 1927:145, Morag 1988:215f., Fassberg 1990:185, and Müller-Kessler 1991:213.

⁶⁰⁸ Or a verbal adjective, תיבה.

⁶⁰⁹ Cf. a discussion of this difficult word in Porten 1987:90.

o) **D pf.:** *3pm* חִיבְתִּי 'they obligated me' B8.6:10. By the analogy of later dialects one may assume that the binyan D transforms this class of verbs into a regular triconsonantal class by using Yod as the middle root consonant.

p) For **tG** we have only two examples: *impf. 3ms* יִחְשֵׁם A4.5:21, C1.1:175; יִחְשֵׁם A6.7:8.⁽⁶¹⁰⁾ Here we face then a situation somewhat analogous to that in BA with יִחְיֶין 'it will feed itself' Dn 4.9 on the one hand and יִחְשֵׁם 'it will be put' Ezr 4.21 on the other.⁽⁶¹¹⁾ However, the second vowel of יִחְשֵׁם could be other than *a*. If our יִחְשֵׁם is not a defective spelling for יִחְשִׁים⁽⁶¹²⁾, one would have to consider it as a good parallel to BA יִחְשֵׁם, which Bauer-Leander (1927:146) explain as an analogical development from the pf. G שָׁם, tG *הִחְשֵׁם.⁽⁶¹³⁾

Kottsieper (1990:152-55) devotes an extensive discussion to a most difficult form יִחְרֹם occurring at C1.1:138. The general sense of the verb is indicated by the context as something like "he exalts himself." The difficulty is the Waw, for which a Yod is expected.⁽⁶¹⁴⁾ Here a different kind of analogy may be at work: יִחְרֹם < יִחְרִים⁽⁶¹⁵⁾. Then יִחְשִׁים might be susceptible to a similar explanation: namely, < יִשִׁים. It is indeed more attractive to construct a comprehensive theory to account for all three varieties of the

⁶¹⁰ For יִחְשֵׁם ..., read now שְׂרִית (PN) D9.15:3.

⁶¹¹ Among various Aramaic dialects, YBA (Morag 1988:219) and GA (Dalman 1905:317; Fassberg 1990:185f.) share this isogloss with BA, whereas Syr. (Nöldeke 1898:120-22) and CPA (Müller-Kessler 1991:217) are consistent with the *i* pattern. Cf. also Deir Alla II 9 לִיחְעֶן 'he will not consult,' on which see a discussion by Hoftijzer 1976:228.

Segert's alternative explanation of the doubling of *n* as a device to ensure its correct pronunciation in direct contact with the following sibilant (1975:289) is rendered somewhat unlikely in view of the fact that in a language like Syriac and BTA, which has far more examples than BA, the doubling is not conditioned by the nature of the following consonant.

⁶¹² יִחְחֶמוּ 'they got confused' Nerab 2.6 is equally ambiguous in view of a defective spelling such as לִחְחֶנֶס for לִחְחֶנֶס 'you will not remove' ib.8. Hug (1993:85) analyses יִחְחֶמוּ as 'Ithpa'el'(sic!), for which one naturally expects יִחְחֶמוּ.

⁶¹³ For a rather different and somewhat complicated theory on the development of these forms, see Beyer (1984:488).

⁶¹⁴ An alternative approach is, as in Leander (1928:61), to postulate /yitrawwam/, which is, however, unparalleled elsewhere in Aramaic.

⁶¹⁵ In view of BA Dn 5.20 רִם we may have here a pattern similar to מִית / יִמֹת. Beyer (1984:695) emends the form to יִחְרֹם on the ground that no D or tD can be formed from רִים, but really?

pc.: יתשם as analogy of the יתך type pc., if not = יתשם. The traditional gemination of the Taw can, with Brockelmann (1908:616), be explained as a tendency to bring biradicals into conformity with the dominant triradical type rather than as a substitution of Ettafal for Ethpeel⁽⁶¹⁶⁾, for which there is no real rationale. The prevalence of Ettfil pattern as in Syriac could be due to the fact that the verb שם is the most commonly used one in a -t binyan, as is the case in our own limited corpus as well.

q) One example of tD may be identified in יתקם 'it will be confirmed' D1.17:6.

§ 36. Ayin-Ayin verbs

Verbs whose second and third radical are identical are very meagrely attested in our corpus.⁽⁶¹⁷⁾

a) In the binyan G the identical radical appears graphically only once, though it may be assumed that, as in later Aramaic, it was geminated except when it ended a word-form as in, e.g. the pf. 3ms, impf. 3s. Where an inflectional prefix followed by a vowel, thus in G and H, is added as in the impf. and inf., an extra /n/ sometimes intervenes between the prefix and the first radical, suggesting that, again as in later Aramaic, in those inflectional categories the initial radical was geminated or subsequently degeminated.⁽⁶¹⁸⁾ Examples are: *pf.* 3ms על 'he entered' B2.6:5+; *1s* עלה B7.2:8; *3mp* עלו A4.4:8+; *impf.* 3ms יעל 'Let it enter' C1.1:205 (juss.)⁽⁶¹⁹⁾; אל יקל 'Let it not be light!' C1.1:141 (juss.); *2ms* תעל B3.12:22; אל תמר 'Do not be bitter!' C1.1:148; + *suf* תגונה 'you shall shear it' D7.8:8; *1s* אעל D7.15:13, D7.24:2. C1.1:133 is possibly an error for ירקון 'they will spit'; *imp.* ms על 'Enter!' D7.20:2, + *suf.* 3fs גזה 'Shear it!' D7.8:6; *inf.* למעל 'to enter' A6.7:7; למגז 'to shear' D7.8:3; *ptc.* possibly חמם 'feverish' D7.17:4, if not an adjective spelled defectively for חמים /ḥammi:m/.

If restored correctly, חי[ת] 'Live' C1.1:55, which the context indicates as juss. 2ms, appears to have been regarded as a Lamed-Yod verb: see below § 37 e. Likewise יחיה 'he will live' B4.1:3.⁽⁶²⁰⁾

⁶¹⁶ So Nöldeke 1898:120.

⁶¹⁷ The only exception is עלל, which occurs quite frequently.

⁶¹⁸ On the degeminating nasal, see above § 3 c.

⁶¹⁹ Possibly < געל, according to Lindenberger (1983:205) and Kottsieper (1990:51). See above, § 33 c.

⁶²⁰ With which cp. Syr. /nehhe:ʔ/.

b) What we have said above on the degeminating nasal applies to the binyan **H/A** as well: *pf. 3ms* הָנִיעַל 'he brought in' D23.1 Vb:9; *3fs* הִנְעִלָתָ B2.6:6+; *1s+suf.* הִחִיתִךְ 'I let you live' C1.1:51, where the root חיי is treated as an Ayin-Ayin root⁽⁶²¹⁾, so *impf. 3ms+suf.* יִהְיֶהנִי 'May he allow me to live!' C1.1:54 (juss.); *3mp* יִנְעִלֻן 'they will introduce' A3.8:12; *impv. mp* הִנְעִלוּ A4.1:8 (partly restored), A6.10:7⁽⁶²²⁾. Most unusual is הִגְשֵׁשׁ 'he spied out' C1.1:139 for the expected הִגֵּשׁ.⁽⁶²³⁾ Likewise הִלֵּל 'he mourned' C1.1:41 for הָלֵל (§ 31 d).

c) The conjugation in the binyanim **D** and **-tD** is that of the regular triconsonantal root: **D** *pf. 3ms* בָּלַל 'he spoke' B8.8:4; + *3m* or *3f. suf.* כָּלְלָה 'he completed it' D23.1 XIII:2; *2m/1s* צָרְרָתָ 'tied' D7.27:4; *impf. 3ms* יִבָּלֵל B8.8:9; *2ms juss.* אַל תִּרְגַּג 'Do not covet!' C1.1:136; **-tD** *impf. 3fs* תִּחְלָל 'will split' C1.1:104.⁽⁶²⁴⁾

§ 37. Lamed-Yod verbs

This is a group which comprises a substantial number of verbs. The main problem arises in relation to the third radical. The table below gives the inflectional morphemes of this class of verbs.⁽⁶²⁵⁾

In view of the near-total convergence of the original Lamed-Alef class with the Lamed-Yod class (§ 32), in our general structural analysis we shall treat the two classes as one, though for a systematic listing of the attested Lamed-Alef verb forms the reader is referred to § 32.

⁶²¹ Cf. Dalman 1905:353.

⁶²² It stands to reason that in forms with a secondary degeminating Nun the last radical should not be doubled, so that one is struck by a form such as BA Dn 5.15 הִנְעִלוּ 'they were brought in.'

⁶²³ For this abnormal retention of the third radical not followed by a vowel, cf. BA תִּסְלֵל Dn 4.9, and a noun in our idiom from the same root, מַסְלֵל 'roof' A4.7:11, A4.8:10, though we do not know how it was vocalised. See also Morag (1988:233ff.) for examples in YBA of the retention of the third radical.

⁶²⁴ Lindenberger (1983:171) mentions the possibility of *ltpa:lal* of חָלַל.

⁶²⁵ The so-called stative G *pf.* appears to be inflected like non-G verbs, on which, see below at § b.

Perfect G non-G Imperfect Jussive Energetic⁽⁶²⁶⁾

sg 3m	א-/ה-	י-	ה---	י---	י---
f	ת-	ית-	ת---	ת---	ת---
2m	ית-	ית-	ת---	ת---	ת---
f	י-(⁶²⁷)	י-(⁶²⁸)	ת---	ת---	ת---
1	ית-/ת-	ית-/ת-	א---	?	א---
pl 3m	ו-	יו-	י---	י---	י---
f	?	?	?	?	?
2m			ת---	ת---	ת---
f			ת---	?	?
1	ין-	ין-	?	?	נ---

Imperative Participle act. pass. G non-G pass. Infinitive

sm	י-/ה-	י-/ה- ... (ב)	ה-	י-	G: לה---
f	י-	ית-(⁶²⁹)	יה-	?	non-G:
pm	ו-	ין-/ין-	ין-	?	לה/מ--יה/א
f	?	?	?	?	or: לה/מ--ית

a) Examples: **G pf**: 3ms הוה 'there was' A6.11:4+; רבא 'he has grown up' C1.1:18; ברא 'he fabricated (false stories)(?)' ib.30; צבי 'desired/desires' A3.10:3; 3fs הוה 'she was' B2.2:7+; צבית 'she desired/desires' B2.6:25,29, B3.7:15⁽⁶³⁰⁾; 2ms בנית 'you built' B2.4:12; צבית 'you desire(d)' B2.11:7+; 2fs מלתי 'you were full' A2.3:6; צבתי 'you desire(d)' D7.17:8; 1s חזית 'I saw' A2.1:5; הוה 'I was' A2.5:8 // חזית A6.3:2+; חרית 'I rejoiced' A3.5:2; צבית 'I desire(d)' B6.4:7; אחית 'I came' B3.8:3; 3mp בנו 'they built' B3.11:4⁽⁶³¹⁾; ענו 'they answered' C1.1:169; הוו 'they were' A4.7:10+; אבו 'they desired' D7.56:5; 1p הוין 'we were' A4.7:15+; חוין 'we saw' ib.17.

b) צבי 'he desires' and צבית 'she desires' as against הוה 'there was' and הוה 'she was' among the forms listed above and those

⁶²⁶ Attested only attached to conjunctive pronouns.

⁶²⁷ A larger corpus would no doubt have produced יתי.

⁶²⁸ A larger corpus would no doubt have produced יתי.

⁶²⁹ A larger corpus would no doubt have produced ייה.

⁶³⁰ Rather than 1sg. (Fitzmyer 1956:83); Hebrew examples mentioned by Fitzmyer as parallels to the alleged נפש intensifying the subject of a finite verb are different in nature.

⁶³¹ בנו 'they built' B3.10:9 must have resulted by taking בנה as the basic form and adding a Waw as the grapheme for the 3mpl morpheme, if it be not a mere scribal error for בנה.

listed under Lamed-Alef verbs (§ 32) clearly establish that our idiom, like later Aramaic dialects, distinguished two G patterns in the pf.:

Syr. /ḥdi/ 'he rejoiced' vs. /bna:/ 'he built' (BA בָּעָא 'he sought'), Syr. /ḥedyat/ 'she rejoiced' vs. /bna:t/ 'she built' (BA מָחָת 'she hit'). Thus we would read הוּא /hwa:/ 'he was'; צָבִי /ʕbi:/ 'he desires'; הִיא /hwa:t/ 'she was'; צָבִית /ʕibyāt/ 'she desires.'

One may safely assume that the same bipartite system prevailed also in the rest of the G pf. conjugation.⁽⁶³²⁾ Thus 2ms בָּנִית 'you built' and צָבִית likely differed in the vowel between the second radical and the suffix, /ay/ and /i:/ respectively as in Syr. /bnayt/ vs. /ḥdit/; 1s /e:/ and /i:/ respectively as in Syr. /bne:t/ vs. /ḥdit/; 3mp /aw/ or /o:/ and /i:w/ as in Syr. /bnaw/ vs. /ḥdiw/. Therefore we would read the above-mentioned forms in question as: 2ms בָּנִית /bnayt(a)/ vs. צָבִית /ʕbi:t(a)/; 1s חֲזִית /ḥze:t/ 'I saw,' הִיא /hwe:t/ 'I was' vs. חָדִית /ḥdi:t/, צָבִית /ʕbi:t/ (⁶³³); 3mp בָּנוּ /bnaw/ 'they built,' עָנוּ /ʕnaw/ 'they answered'; 1p חָזִין /ḥzayn(a)/.

For the second person the non-contracted /-ay-/ in the case of the transitive or fientive verb is more likely, as it has been preserved in BA in the Tiberian tradition and Syriac, though TA attests to contraction (Dalman 1905:338).

We cannot tell whether our idiom made some distinction, as Syriac does, between the 2ms and 1s. Perhaps the /t/ was followed by a vowel as is mostly the case in BA, though there is no graphic trace of it: Dn 2.43 חָזִית 'you saw,' ib. 41 חָזִיתָ (⁶³⁴).

Since we see no reason why the vowel following the second radical should differ between the 2fs and 1s, we take צָבִית 'you (f.) desired' D7.17:8 as a defective spelling for צָבִיתִי /ʕbi:ti:/; note שָׁא for the standard שָׁיָא in the same document (line 4) and perhaps also חָמָא for חָמִים /ḥammi:m/ (line 4). מָלִית 'you (fs.) were full' A2.3:6 is also probably a defective spelling for מָלִיתִי (⁶³⁵).

⁶³² See also Folmer 1995:177-80. Note the contrast in the Uruk incantation text between *na-šá-a-a-tu* (= /našayt(u)/ 'I took' line 1 and *za-ki-it* (= /zaki:t/) 'I was triumphant' line 10.

⁶³³ So BA Dn 7.19 צָבִית.

⁶³⁴ For more examples, see Bauer - Leander 1927:161.

⁶³⁵ So Beyer (1984:623): /malí:ti:/. Though Brockelmann (1928:388a) gives both /mla:/ and /mli/ for the intransitive, stative, none of the references mentioned by him seems unambiguously to attest to the latter. JA does not seem to attest to the latter: see, e.g., Sokoloff (1990:309b), though all the examples cited are transitive in meaning. The form *ma-li-e*, which Folmer (1995:225, n. 226) cites from the Uruk incantation text as supporting her interpretation of our verb as stative, is a participle or a verbal adjective,

rather than a contraction of /ay/, though the contraction of the diphthong in question is a feature highly typical of the language of the Hermopolis papyri (§ 8 *a*).

c) It is impossible to say how the 3mpl ending of the transitive-fientive type sounded: *u*, *aw* or *o*.⁽⁶³⁶⁾

Though no example of the stative type is attested⁽⁶³⁷⁾, we may assume that, as in later Aramaic dialects, the conjugation of the G stative pattern ran parallel with that of the derived binyanim. One could then postulate צבי /šbi:w/ on the analogy of actually attested forms such as D שציו 'they succeeded' and H הציז 'they brought': see below § *h, i*.

d) In the *pc.* of all binyanim, as in OA⁽⁶³⁸⁾, the jussive of this group of verbs shows a graphically, and perhaps phonetically, distinct form not only in the 2fs and 2/3mp, but also in the 3m/fs and 2ms, whereby the jussive ends with Yod, and the indicative with He.⁽⁶³⁹⁾

Examples: 3ms יהוה 'he will be' A3.6:3+ // *juss.* יהוי 'he may be' A2.2:14+; אל ינפ 'Let him not sift' D7.5:4; 3fs תהוה B4.2:3 // *juss.* תהוי C1.1:84; תאחה 'she will come' D7.6:3; 2ms תהוה C2.1:64 // *juss.* תהוי 'Do not be sweet' C1.1:148; 2fs תצבין 'you will desire' B2.7:16; תחזין 'you will see' D7.16:12; 1s אהוה B3.8:25⁽⁶⁴⁰⁾;

/ma:li/ or /mali/.

⁶³⁶ Pace Bauer - Leander (1927:126) it is by no means certain that the verb גרכי B2.8:9 is mp, evidencing /-o:/ < /-aw/; it depends on our syntactic consideration of the sentence ... גרכי בר לי וברא לי. See below on the agreement: § 76 *cg.* Note further *ḥa-za-ú-ni-ṭ* 'they saw me' in the cuneiform Uruk text (line 7) with the diphthong intact. On *u* as a 3mp suffix, see Morag 1988:253f., Müller-Kessler 1991:237, and Macuch 1965:334.

⁶³⁷ צבו A4.3:6 is, *pace* Leander (1928:64), a noun meaning 'matter, thing.'

⁶³⁸ See Degen (1969:76). See also Wilson 1912:285f.

⁶³⁹ Whether a similar distinction was maintained in the 1st person, both numbers, or not is not known. Nor do we know what the corresponding jussive form was in the 2/3fp.

Occasional failure to observe this distinction in IA has long been known: e.g. Lindenberger (1983:282). Kottsieper (1990:158-63) claims that the idiom of the Ahiqar proverbs is perfectly consistent, which fails to convince us. See Muraoka 1995:332f. and also a critique by Folmer (1995:505).

⁶⁴⁰ אהוה listed by Segert (1975:299) as occurring at C1.1:204 as a rare case of Alef instead of He as the final mater lectionis of sufformative forms of the impf. of Lamed-Yod verbs is now read אהוה. At A6.16:2 we should perhaps restore תחדן instead of [תחדן] D 'you gladden, please.' However, we do find אל ישא 'let him not proceed' D7.4:2 // יסא C1.1:126, if these be forms of the same verb and it be not an originally Lamed-Alef verb.

3mp יהון A4.5:7+ // *juss.* יארו 'May they come!' A6.5:3; dit. ירו A2.1:7 ליארו 'they should not come' D23.1 Va:10; 2mp תארו A3.3:5 // *juss.* אל תשרו 'Do not drink!' A4.1:6; 2fp תהיתן 'you shall bring' A2.5:5.

It may be assumed that the jussive ending with Yod, except that of the 2fs, sounded *i*⁽⁶⁴¹⁾, whether long or short, whereas the ending spelled with He sounded *e* of one kind or another.⁽⁶⁴²⁾ In any case, the Yod cannot represent a diphthong, as is clear from spellings such as אל יחונה 'Do not show it!' C1.1:86 and יהחני 'he will let me live' ib.54; יחני 'May he show me!' A2.1:2.⁽⁶⁴³⁾ Though the monophthongisation is confined to suffixed verb forms, its phonetic conditioning is not apparent: the presumed position of stress, for instance, varies.

Examples of forms with final ה instead of the expected י for the jussive are: לבבך אל יחדה 'Let not your heart rejoice!' C1.1:90; ... אל יהיה 'Let it not be ..' ib.81; אנל [תאחה 'Do not let it come!' ib.81.

e) **G *impv***: ms בני 'Build!' B2.4:5⁽⁶⁴⁴⁾; הוי 'Be!' A3.3:7; חוי 'See!'; אחה 'Come!' D7.8:6, D7.20:2,9,⁽⁶⁴⁵⁾; fs הוי A2.2:14; בני 'Build!' B2.3:19; בעי 'Seek!' D7.5:8; אחי 'Come!' C1.1:166⁽⁶⁴⁶⁾; mp הוו A4.3:2; בעו 'Seek!' A6.10:7.⁽⁶⁴⁷⁾

The question as to a possible phonetic opposition between *ms* הוי and *fs* הוי is a difficult one. In JA (Dalman 1905:339) the opposition is expressed as /e:/ or /i:/ vs. /a/ (< /ay/), whereas

⁶⁴¹ In JA the pc. 2fs ends in /-an/ (< /-ayn/), and Galilean Aramaic spells the ending as ין (Dalman 1905:339). Similarly Syriac shows /-e:n/ (also < /-ayn/). For the complexity of comparing the inflection of this class of verbs in Aramaic with that in Arabic, see Bauer - Leander 1927:151f.

⁶⁴² On the interpretation of this graphic distinction and the question of vowel length, see Aristar 1987.

⁶⁴³ Thus it is not quite right to speak, as Lindenberger (1983:297) does, of "the consistent spelling of the jussive with -y," even in OA (see Degen 1969:39, 79).

⁶⁴⁴ This cannot be D (Pael) in view of a G inf. למבנה ib.14.

⁶⁴⁵ This is the only G verb spelled with a final He, an indication that the ending probably sounded differently from that of forms spelled with a Yod. Cf. the *impv. ms.* of this verb ending /-a:/ in Syr., TBA, Mand., and JA. This is a Lamed-Waw verb in Ugr. and Eth. See also Beyer 1994:299.

⁶⁴⁶ Note fs אחי at GA Gn 30.2 (Klein 1986: I 45) and Mand. (Macuch 1965:336).

⁶⁴⁷ שחי 'Drink!' (*impv. m.pl.*) at Deir Alla I 12, which is hardly a Hebrew form, is a valuable example of an old Aramaic form of this stative type verb.

Syr. contrasts m. /i:/ with f. /a:y/.⁽⁶⁴⁸⁾

f) **G ptc.**: *act. ms* אָחַה 'coming' A2.5:6⁽⁶⁴⁹⁾; *fs* מַטָּה 'reaching' B2.8:5^(649a); חוּיָה 'looking' A2.3:11, A2.7:3; *mp* אָחִין A4.3:5; כָּלִין 'detaining' A4.2:14; מָלִין 'are full' ib.11; שָׁחִין 'drinking' A4.7:21; בָּעִין 'seeking' A2.6:9; צָבִין 'desiring' D7.56:7; *pass. ms* בָּנָה 'built' A4.5:6+^(649b); *fs* בָּנִיה 'built' A4.5:6+⁽⁶⁵⁰⁾; *mp* בָּנִין A4.7:10. One of the above-quoted forms, בָּעִין, if genuine, is interesting in indicating a possible contraction of the generally hypothesised /-ay-/.⁽⁶⁵¹⁾ Note, however, that it is found in a Hermopolis papyrus: see above § 8 a.

חוּיָה is in line with one of the prominent characteristics of the Hermopolis papyri in which the archaic f.sg.abs. ending <t> is mostly used instead of <h>: see above, § 18 j.

g) **G inf.**: לְמַבְנָה 'to build' A4.7:23; לְמַרְשָׁה 'to bring suit' B2.11:8; לְמַחֲזָה 'to see' C1.1:63,92; לְמַאָחָה 'to come' D7.20:4, D7.56:6,8; +*suf.* לְמַבְנִיה 'to build it' A4.7:23.

h) **D pf.**: 3*ms* מָנִי 'he appointed' C1.1:37; +*suf.* חוּיָנָא 'he let us gloat' A4.8:15; 1*s* רָבִית 'I raised, brought up' C1.1:25; נָקָה 'I cleansed' B1.1:11; 3*mp* שָׁנְצִין 'they succeeded' A6.7:7; 1*p* שָׁרִין 'we began' D7.9:11.

As in BA and later Aram. dialects, one may assume /-i/ as the ending of the pf. 3*ms*, and /-iw/ as that of the 3*mp*.⁽⁶⁵²⁾ See מָנִי, שָׁנְצִין quoted above and הָחִין, H pf. 1*pl* mentioned below under § i.

⁶⁴⁸ Similarly GA: see Dalman 1905:339 and Fassberg 1990:189-91. See also YBA שָׁחַי 'Throw!' alongside בָּעִי 'Seek!' (Morag 1988:257). The verb אָחַה is slightly irregular with the impv. ms. ending /-a:/ in Syr. and JA, but note *fs* אָחִי (see above, n. 646).

⁶⁴⁹ צָבִי 'desirous' A3.10:3 may be a variant spelling of צָבָה: see מִיחִי 'bringing' A3.11:5. See Degen 1972b:16.

^{649a} See above at § 34 d.

^{649b} *Pace TAD B* בָּנָה at בָּנָה זִי סָפֵר אָנָּה is not a passive participle, but rather a pf., for אָנָּה is a feminine noun (§ 18 v, 4) and 'built' would have to be בָּנִיה. Translate: 'document of the wall which he built.'

⁶⁵⁰ Hug (1993:86) parses רָעִיה A2.2:16 as *pass.ptc.ms.det.* "der Begehrte." His translation of the entire document (1993:37) has "das Gewünschte an Woll" for רָעִיה עָמַר, which is syntactically impossible.

⁶⁵¹ On this question, see Morag (1964:128f.), Morag (1988:259), and Folmer 1995: 180f.

⁶⁵² This allows us to interpret נָה 'to institute (suit),' despite JPA and Syr., both of which know the verb as D, as G in the light of נָה 'they instituted (suit)' B3.4:18; cf. also גָּרוּךְ (not גָּרִיךְ) ib. and גָּרִיכִי (not גָּרִיכִי) B2.8:9.

נקח is probably a defective spelling for the standard נקח /naqqi:t/, if not a scribal error, but note העדה alongside העדית, and החזי (see below at § [i]).

D pc.: 2ms תכסה 'you will cover' C1.1:84,87; **juss.** אל תגלי 'Do not reveal' ib.141; 1s אקשה 'I shall dispute' C1.1:140⁽⁶⁵³⁾; **energ.** 1s+suf אכסנכי 'I shall cover you' ib.166; 2mp תחדון 'you will gladden me' A6.14:4; 3mp ילחון 'they will make bad' C1.1:172⁽⁶⁵⁴⁾; possibly **impv.** ms+suf. חזי 'Show me!' D7.14:8 (for the expected חזוני, or pl. (חזוני); **inf.** למחזה (= למחזיה?) 'to show, tell' D7.24:16.⁽⁶⁵⁵⁾

On a possible D pass. ptc., מבני B3.10:12+, see above § 29.

i) **H or A pf.:** 3ms היזי 'he brought' A6.12:1, החזה 'he showed' B8.3:5⁽⁶⁵⁶⁾; החזין 'he made us see' A4.7:16, A6.2:7; 2fs החזי 'you brought' A2.1:6; 1s איחז 'I brought' A3.3:10 // היחז D7.9:13; העדית 'I removed' C1.1:50 // העדה B2.6:35; החיחך 'I allowed you to live' C1.1:51⁽⁶⁵⁷⁾; 3mp היחזי 'they brought' A6.15:4; העדיו 'they removed' C3.8IIIA:3; 1p החזין 'we showed' B8.12:5.⁽⁶⁵⁸⁾

The fluctuation between 1s העדית and העדה on the one hand and between איחז and היחז on the other may be interpreted in the same fashion as we did above with respect to G 2ms צבית /šbi:t/ as against 2fs צבתי /šbi:ti:/ and מלתי /mli:ti:/, namely defective spelling for the standard יח-. An /-e:t/ is rather unlikely.⁽⁶⁵⁹⁾ The same applies to 2fs החזי for היחזי /he:ti:ti:/ 'you brought.' 'I allowed you to live,' being of a geminate root at the same time,

⁶⁵³ D rather than A: cf. Dalman (1938:393) and Sokoloff (1990:508).

⁶⁵⁴ Factitive, and unlikely Afel: see above § 27.

⁶⁵⁵ Possibly an Afel.

⁶⁵⁶ A striking form for the expected החזי, though the reading of the final He is not absolutely certain; it may be Yod.

⁶⁵⁷ The verb is simultaneously an Ayin-Ayin verb.

⁶⁵⁸ JA distinguishes between אִחְזִינָא 'he showed us' and אִחְזִינָא 'we showed' (Dalman 1905:406f., 410f.). Likewise Syr. /galyan/ vs. /gallin/ (Nöldeke 1898:119,139). Leander (1928:66) presents a completely reverse picture.

⁶⁵⁹ The only Aramaic dialect known to me that consistently shows *e* in this position is YBA (in 2ms and 1p): see Morag 1988:263, 267, 272f., 279, 282.

Degen (1979:38), noting that the scribe of B2.6 wavers between a defective and a plene spelling, would plead for /-i:t/ as in, Syr., for instance. However, the second example, היחז, was not known to Degen: the scribe of this document (D7.9) dated to the first quarter of the 5th cent. BCE has the only example in our corpus of an impf. 2fs spelled plene, חשבעין (line 11). His fluctuation between קפירא and קפירא must be left out of consideration so long as we are not sure of its form, namely whether it is /-pi:-/ or /-pay-/.

may be analysed as /haḥḥi:ta:k/.⁽⁶⁶⁰⁾

Though no example of the 3fs occurs in the corpus, the analogy of later dialects suggests that it ended with /yat/.⁽⁶⁶¹⁾

For the -pf. of the non-G binyanim, then, we tentatively suggest the following reconstruction:

	Sg	Pl
3m	-i:	-i:w ⁽⁶⁶²⁾
f	-yat	?
2m	-i:t(a:?)	?
f	-i:ti:	?
1c	-i:t	-i:n(a:?)

Pc.: 3ms יהחזה 'he will tell' C1.1:188; יהיחזה 'he will bring' D3.31:1; +suf יחזני 'he shall show me' A2.3:2; 2ms יהחלה 'he will make sweet' C1.1:123; **juss.** 2ms אל תהעדי 'Do not remove' C1.1:146; אל תהשגא 'Do not mislead!' C1.1:137; Is אהה (< *אהה >) 'I shall bring' A2.1:10; 3mp יהיחזן [י] 'they will bring' A3.9:3; **juss.** 3mp יהו 'Let them bring!' A2.4:12, D1.1:6(?)⁽⁶⁶³⁾; dit. יהחו A2.5:4, יהחו A6.12:3; יהחנה 'they will bring him' A2.6:10; יהעדו 'Let them remove!' A4.7:6; 2fp תהיחזן 'you will bring' A2.5:5.⁽⁶⁶⁴⁾

As in all Aramaic dialects, the 2/3mp form in a non-G binyan lacks <y> in the pc. in contrast to the sc. This applies to the impv.: see below.

We note that the language of the Hermopolis papyri is characterised by an almost general contraction of the initial diphthong of the causative אחי: see § 8 a.

Impv.: fs+suf אהיה 'Bring him!' A2.3:10; mp+suf החווה 'Tell him!' A6.11:5; יהיחי 'Bring!' (or: 'they brought') D7.48:4.⁽⁶⁶⁵⁾

⁶⁶⁰ Beyer analyses the form as /aḥḥi:ta:ka:/, but cf. Peshitta Gn 47.25 /aḥḥita:n/.

⁶⁶¹ Cf. Folmer 1995: 179f.

⁶⁶² As applied to tD and tH, this sufformative is probably on the analogy of the corresponding form of D and H.

⁶⁶³ It appears that there has developed an orthographic opposition whereby the G pc. of אהה is spelled with the radical Alef, whether etymological or not, while the H/A pc. of the same verb is spelled without such. In the light of this we should probably parse יהו as an Afel form in a broken context at D1.1:6.

⁶⁶⁴ On the interpretation of this striking form, see above, § 23 j.

⁶⁶⁵ The final vowel of the verb itself varies from dialect to dialect: /-aw/, e.g. in Syr., but /-u/ in Mand., TBA, and Sam.

Inf.: למחיה 'to bring' A2.4:11 // למיתית ib.⁽⁶⁶⁶⁾; להיחיה A4.5:14; להעדיה 'to remove' B3.11:13; להשקיא 'to give drink' A4.5:7.

Ptc.: act. ms מיתי 'bringing' A3.11:5. Cf. our remark on צבי at § g above.

j) **tG:** pf. 1p אשתוין 'we have agreed to act as equals' B2.11:2⁽⁶⁶⁷⁾; **impf.** 3ms יתבנה 'it will be built' A4.7:27; 3fs(?) תתרוה 'it will be sated' C1.1:124; **impv. ms** אדני 'Turn yourself!' C1.1:107⁽⁶⁶⁸⁾; **ptc. ms** מתחזה 'being seen' C1.1:90.

k) **tD:** pc. 2ms תשתנה 'you will change' C1.1:200; 3mp יתכסון 'they will be hidden' A4.3:11.

l) For the sake of convenience we present here a paradigm of the attested forms of a highly irregular and frequent verb אָחַז: G 'to come,' H/A 'to bring':

Pf.		Impf.		Juss.	
G	H/A	G	H/A	G	H/A
3ms אָחַז	הֵיטִי	יֵהִיחַ, יֵהָ	יֵהִיחַ, יֵהָ		
f		תֵּאָחַז			
2ms אָחַזְתָּ		תֵּאָחַז			
f	הֵחֵטִי				
1s אָחַזְתִּי	הֵיטֵחַ, אֵיחֵיחַ	אָחַז			
3mp יֵהִיחֻ, יֵהִיחֻ, יֵהִיחֻ(+suf): יֵהִיחֻ	הֵיטִי	יֵהִיחֻ			
f					
2mp תֵּאָחֻז		תֵּאָחֻז			
f		תֵּהִיחֻ			
1p					

Impv.		Ptc.		Inf.	
G	H/A	G	H/A	G	H/A
ms אָחַז		אָחַז	מֵהִיחַ, מֵיחֵי	לִמְאָחַז	לִמְהִיחַ, לִמְחֵיחַ
f אָחִי	אָחִי(+suf)				
mp	הֵיטִי	אָחִי	מֵהִיחֻ		
f					

§ 38. The verb with suffixal object pronouns

A pronominal complement of a verb other than a participle is

⁶⁶⁶ On this fluctuation, see above § 23 p.

⁶⁶⁷ Cf. Hoftijzer - Jongeling 1995: 1117. On a slightly different interpretation of the verb, see Szubin - Porten 1992:76f.

⁶⁶⁸ Unlikely Afel: see above § 3 b.

normally added synthetically to the end of the verb. The shape of such a conjunctive pronoun is largely identical with that also synthetically attached to a noun or a preposition except in the first person singular for which a verb requires *נִי*- as against *י*- with a noun and a preposition.⁽⁶⁶⁹⁾ Furthermore, the third person plural pronoun takes a disjunctive form in keeping with other Aramaic dialects.⁽⁶⁷⁰⁾ We shall first give examples, followed by

⁶⁶⁹ A distinction mentioned by Bauer - Leander (1927:122), *נִי*- with verbs vs. *י*-(*נִי*)-; with nouns/prepositions, is highly artificial and most unlikely. There is no trace of the latter in the Codex Leningradensis, though Rosenthal (1961:26) still mentions Dn 3.17 *אֱלֹהֵינָא* (not so in Codex L.).

Contra Kraeling (1969:219), who discusses *שְׁמַדֵּי* B3.8:37 (his reading for the correct *שְׁמַדָּה*), *הִי* as a suf. for 3fs. with a pf. is unheard of.

⁶⁷⁰ The conjunctive shape as in some JA dialects and Samaritan Aramaic is best regarded as a secondary, analogical development. On this matter, see a brief observation by Kutscher (1968:412). The antiquity of this peculiar morphosyntactic feature is in no doubt, though still in the 8th cent. BCE we find the morpheme conjunctively attached as in Sefire III 2 *וְהִסְכַּרְהֶם* 'you shall surrender them,' ib. 6 'you shall talk them into submission and send them back.' While in the first and last one may see *הֶם* as a disjunctive form, that is impossible with the second (so also Gibson 1975:52), which ought to be divided as *הֶם חִרְקָה הֶם*. Likewise in the Ashur letter (mid 7th cent. BCE): *שְׁאַלְהֶמְוֹן* 'ask them' line 12 and *אֶכְלָהֶמְכֻ* 'it consumed them' line 17, though the scribe is far from being consistent in the matter of word-spacing as evidenced by, for instance, *קְרֵא הֶמְ* 'invite them' immediately before the first example. Since there is no conceivable reason for "them" to be treated differently from the rest, this ancient feature itself must be a secondary development which occurred when the third person singular masculine pronominal morpheme had begun to take different shapes depending on whether it was conjunctive (now /-h/) or disjunctive (still /hu/), leaving the 3rd pl. morphemes unique in that the conjunctive and disjunctive shapes remained identical. The vocalisation of a form such as TO Gn 14.15 *וְרָדְפִינוּן* 'they pursued them' betrays the secondary nature of the amalgamation, for the Aramaic phonology leads one to expect **וְרָדְפִינוּ* or such like, what one actually finds in YBA (Morag 1988:291), an idiom which is idiosyncratic in some other ways as well, e.g. *קָטְלוּהוּ* 'they killed him,' hardly ever *וְהִי* (Morag 1988:293; a rare exception in *אֲמַסִּיּוּהִי*, ib.328), though it is not apparent whether the alternative pattern such as *שָׁקְלוּהוּ* 'they carried him' goes back to **שָׁקְלוּהִי* or **שָׁקְלוּהוּ*. For more examples, see Dalman (1905:362ff.) and his comments (1905:361). To the best of our knowledge, such a disjunctive pronoun is invariably found immediately after the verb, which is easily understandable according to our reconstruction. Hence, contrary to the current view, *הִי מַלְבֵּשׁ אֵנָה* in *הִי* 'that I am wearing' A2.1:6 appears to be *sui generis*, apart from the fact that its use with a participle is also anormal: see below § f, 7. This question obviously has implications for the dating of the loss of word-final vowels. Cf. also

some comments.

a) **Pf.** *3ms+3fs*: הנפקה H 'it let it go out' C1.1:93; *3ms+2ms* מִטָּאךְ G 'it reached you' A2.4:6, גִּרְךָ G 'he instituted (suit) against you' B3.2:8, חבלך D 'he damaged you' C1.1:44; *3ms+2fs* גִּרְכִי G 'he instituted (suit) against you' B2.8:9; *3ms+1s* נִכְתִּי G 'it bit me' A2.5:8, רָחַמִּי G 'he loved me' C1.1:51, סָעֲדִי G 'he supported me' C2.1:10, הִנְצֵלִי H 'he reclaimed from me' B8.6:5, אֶפְקִי A 'he took me out' A2.6:4; *3ms+1p* הֵחִוִּין H 'he let us gloat' A4.7:16, A6.2:7 // D חוֹיָא A4.8:15; *3ms+2mp* רָשַׁכְּךָ G 'he brought (suit) against you' B2.10:12; *3fs+2fs* מִטָּחִי G 'it reached you' B5.1:4; *3fs+1s* מִטָּחִי G 'it reached me' A2.1:4, סִבְלַתִּי D 'she supported me' B3.10:17; *2fs+3ms* יִהְבַּתְּהִי G 'you gave it' B5.5:7; *1s+3ms* קָטַלְתָּה G 'I killed him' C1.1:49, קָרַבְתָּה D 'I presented him' ib.10, הִנְצֵלְתָּה H 'I reclaimed him' B3.3:14; *1s+2ms* גִּרִּיתְךָ G 'I instituted (suit) against you' B5.2:3, יִבְלַתְךָ G 'I transported you' C1.1:48, קָטַלְתְּךָ G 'I killed you' ib.51, שִׁבְקְתְּךָ G 'I abandoned you' ib.111, בִּרְכַּתְךָ D 'I blessed you' A2.4:1, קָרַבְתְּךָ D 'I presented you' C1.1:50, שִׁלַּמְתְּךָ D 'I paid you' B3.1:7, הִחִיתְךָ H 'I saved your life' C1.1:51, הִצְפַּנְתְּךָ H 'I hid you' ib.49; *1s+2fs* שִׁבְקַתְּכִי G 'I released you' B3.6:4, בִּרְכַּתְּכִי D 'I blessed you' A2.1:2, A2.2:2, A2.6:1, D1.1:1; *1s+2mp* רָשִׁיחַכֶּם G 'I brought (suit) against you' B2.10:12; *3mp+3ms* אִסְרוּהִי 'they imprisoned him' B8.5:8, כִּלּוּהִי G 'they detained him' A4.2:13, נִדְשׁוּהִי 'they demolished it' A4.7:9 // A4.8:8, שִׁבְקוּהִי G 'they released him'; *3mp+3fs* בָּנוּה (wrongly spelled) 'they built it' B3.10:8^(670a); *3mp+2ms* שִׁעֲנוּךָ G 'they imposed on you' B2.2:6, גִּרְךָ G 'they instituted (suit) against you' B3.4:18; *3mp+1s* יִבְלִיתִי G 'they transported me' B8.1:17, כָּחַשׁוּנִי G 'they struck me' B8.4:5, עֲבַדוּנִי 'they did me' ib.4, שִׁקְפוּנִי G 'they hit me' ib.5, חִיבוּנִי D 'they obligated me' B8.6:10, הִנְצִלְתִּי H 'they reclaimed

Bauer - Leander (1927:124) for their reconstruction of the development under discussion here. In OA, e.g. the Sefire inscriptions, the synthetic structure still prevails: see examples in Degen (1969:80).

Moreover, OA attests הֶם 'their' spelled separately from the immediately preceding noun: Barrakab 2.7 נַבְשָׁתָם הֶם 'their souls' and Zakkur A 9 מִחֻמֹּתָם הֶם 'their encampments.' A recently published 9th cent. inscription from Tel Dan may also contain a similar syntagm: אֶרֶץ הֶם 'their land' (line 10): Biran - Naveh 1993:94.

Hug (1993:59) gives הֶם as an object suffix, which is, however, misleading, since it occurs in his corpus only as attached to an infinitive. See below our discussion at § e, f, 6.

Ugaritic and Moabite also spell *hm* as a separate unit: see Segert 1984:48 and Andersen 1966:97.

from me' B8.2:15⁽⁶⁷¹⁾; *1p+3ms* זבנהי D 'we sold it' B3.4:5⁽⁶⁷²⁾; *1p+3fs* יזבנה G 'we gave it' B5.1:5; *1p+2ms* גרתיך G 'we instituted (suit) against you' B3.4:14; רשתיך G 'we brought (suit) against you' B2.11:9; *1p+2mp* רשיתכם G 'we brought (suit) against you' B2.9:4; *1p+2fp* ברכנך D 'we blessed you' A2.5:1.

b) **Impf. with energetic Nun**⁽⁶⁷³⁾: *3ms+3ms* ישעמנהי G 'he will taste it' or D 'he will feed him' C1.1:208, ישענהי G 'he will load him' ib.186⁽⁶⁷⁴⁾, יכבשנהי G 'he will press him' B3.9:5, ינשרנהי G 'he will watch it' C1.1:208, יסבלנהי G 'he will carry it' ib.185, יחלנהי G 'he will weigh it' C1.2:23, יחלנהי 'he will hang him' ib.3, יחזנהי A 'he will show it' C1.1:86⁽⁶⁷⁵⁾, יהיבנהי H 'he will make it return' C1.1:126; *3ms+3fs* ירחנהי G 'he will inherit (from) her' B2.6:21, B3.8:35; *3ms+2ms* יפלחנך G 'he will serve you' B3.6:11⁽⁶⁷⁶⁾, ישימנך G 'May he put you!' A4.7:2, יחונך 'May he show you!' D7.15:12^(676a); *3ms+2fs* יגרתיך G 'he will institute (suit) against you' B3.5:16, תשנאנך G 'he will bring (suit) against you' B2.7:9; *3fs+2ms* תשנאנך G 'she will hate you' B2.4:8; *2ms+3fs* תזרענה G 'you will sow it' B1.1:4⁽⁶⁷⁷⁾, תרחענה תגונה G 'you shall wash it, you shall shear it' D7.8:7f.; *2fs+3ms* תתננה 'you may give it' B2.7:8⁽⁶⁷⁸⁾; *1s+3ms* אתננה G 'I shall give it' B1.1:11, D7.29:5, אתננה 'I shall give it' G

^{670a} See n. 631.

⁶⁷¹ Possibly an imperative: there is not enough context.

⁶⁷² On the simplified spelling, see above § 3 b.

Thus, *contra* Segert (1975:309), our corpus attests to conj. pronouns attached to the perfect of verbs other than Lamed-Yod verbs. Two more examples are mentioned above.

⁶⁷³ On the morphosyntactic significance of the distinction between forms with energetic Nun and without it, see below § c. See further our discussion above at § 23 l.

⁶⁷⁴ Possibly an error for ישעמנהי 'they will ...' or a defective spelling for the latter? *Pace* Lindenberger (1983:63) an internal passive is unlikely. Does Kottsieper (1990:19; 1991:335) assume a resumptive pronoun with his "... er eine Kamelslast trägt"?

⁶⁷⁵ On the interpretation of the form as Afel, see above § 28, n. 84.

⁶⁷⁶ An error for נפלחנך.

^{676a} An uncertain reading: it could also be read יחון, יחוך, יהו.

⁶⁷⁷ The referent of the suffix, חקל 'field,' is a feminine noun in JA and CPA. Brockelmann (1928:252) ought to have marked its Syr. counterpart as f.: see the Peshitta at Gn 27.27.

⁶⁷⁸ Possibly without an energetic Nun. But see Degen (1979:32), who aptly cites Dn 4.14 יתבא יתננה די ולימן די 'and he gives it to whomever he pleases' with a context similar to that in which our form occurs.

B4.6:5; *אשלמנה* D 'I shall pay it' B4.2:3,5,10; *Is+3fs* *אתנה* G 'I shall give it' A2.1:5'; *Is+2ms* *אתנך* G 'I shall institute (suit) against you' B2.2:12; *אמחאנך* G 'I shall hit you' C1.1:177; *אסבלנך* D 'I shall support you' C1.1:203; *אקמנך* A 'I shall raise you' D7.24:6; *Is+2fs* *אתנכי* G 'I shall institute (suit) against you' B2.8:7; *אכסנכי* D 'I shall cover you' C1.1:166; *ארשנכי* G 'I shall bring (suit) against you' B3.5:13; *אמשאנך* 'I shall reach you' D7.1:11; *Is+2mp* *אתנכם* G 'I shall institute (suit) against you' B2.10:1; *3mp+3ms* *יתנה* A 'they will bring him' A2.6:10(+3fs? [= "ship"])(⁶⁷⁹); *3mp + 3s* *יקחנה* 'they will take him/her/it' D4.8:1(⁶⁸⁰); *3mp+2fs* *יתנכי* G 'they will institute (suit) against you' B5.1:6; *3mp+2mp* *ירשתכם* 'they will bring (suit) against you' B2.9:13; *3mp+1s* *ישאלוני* 'they will interrogate me' D2.25:2; *יחונני* 'they will show me' A4.4:9; *2mp+3ms* *תנתנה* G 'you will give it' B2.10:9; *Ip+3ms* *אל נקטלנה* G 'Let us not kill him' C1.1:61; *Ip+2ms* *נסבלנך* D 'we shall support you' B3.6:13; *נשובנך* 'we shall rescue you' A3.1:8.

c) **Impf. without energetic Nun:** *3ms+3ms* *יתנה* 'May he give it' G D7.29:9; *3ms+3fs* *יערכה* 'Let him prepare it' D7.9:2; *3ms+2mp* *ירשכם* for *ירשכם* G 'he will bring (suit) against you' B2.10:15; *3ms+1s* *יזכרני* G 'May he remember me!' C1.1:53; *יחוני* D 'May he show me!' A2.1:2, A2.6:2; *יהחני* H 'May he save my life!' C1.1:54; *יחוני* A 'May he show me!' A2.2:2, A2.3:2, A2.4:2, A2.5:2; *2ms+3ms* *תהצפהי* 'if you conceal it' C2.1:72(⁶⁸¹); *2ms+1s* *אל תקטלני* G 'Do not kill me!' C1.1:52; *תקרבני* D 'you shall present me' ib.54; *Is+3s* *ארחעה* G 'Let me wash it!' D7.8:11; *3mp+3ms* *יתרוהי* G 'May they sue him!' A3.4:4; *3mp + 3fs* *יתבהה* D 'Let them mark her!' D7.9:4; *3mp+2ms* *אל [י]בל[ל]עוך* G 'May they not swallow you up!' C1.1:148; *Ip+3ms* *נתנה* 'we shall give it' A2.1:7; *Ip+2fs* *ננרכי* 'we institute (suit) against you' B5.1:4.(⁶⁸²)

The examples quoted above of the *Is* suffix—*יזכרני*, *יחוני*, *יהחני*, *תקרבני*—have all been translated as if they were jussives. In the context of their occurrences, however, there is no compelling reason to suggest such an interpretation(⁶⁸³), and, as a matter of fact, all the examples of *יחוני* and *יחוני* are part of a standing

⁶⁷⁹ See Porten - Greenfield 1974:23f.

⁶⁸⁰ The gender of the suffix is not to be determined due to the lack of the context.

⁶⁸¹ The reading of the end of the verb is far from certain.

⁶⁸² Most likely an error for *ננרכי*: see *ננרכי* two lines below.

⁶⁸³ This applies also to a partly restored *יזבנהי*, if not an error for *יזבנהי* 'he will buy/sell it' A3.10:7.

formula *and* occur inside a clause introduced by וי.⁽⁶⁸⁴⁾ But, if these are not jussives, how could one account for this anomaly? A possible explanation is that the energetic Nun of the expected form such as זכרני*, no example of which is attested in our corpus, was perceived as typical of the verb forms which have an /n/ as part of their morpheme, namely 2/3 pl. and 2fs, and was hence dropped as such from the remaining verb forms which do not carry such a morpheme when another /n/ of the suffix immediately follows. Such a development and interpretation may have been precipitated to some degree by the appearance of the new 2/3 fp morpheme characterised by /-a:n/, for a form such as *זכרני 'he will remember me' and זכרני* 'they (f) will remember me' could have also phonetically differed from each other but little. Another possible explanation is that our idiom represents the halfway house between OA, in which the energetic morpheme is confined to the 3ms suffix⁽⁶⁸⁵⁾, and BA, in which the use of the energetic morpheme is universal.⁽⁶⁸⁶⁾

d) Imperative: *ms+3ms* הבה 'Give it!' D7.5:7⁽⁶⁸⁷⁾; G עבדה 'Do it!' C1.1:87; *ms+3fs* גזה 'Shear it!' D7.8:6; *ms+1s* בלי G 'Bring me!' C1.1:52, H הקימי 'Establish me!' ib.109; *fs+3ms* החסני H 'Hold it as heir!' B2.3:26; A אחיז 'Bring it!' A2.3:10; G הבה 'Give it!' B2.7:16, D7.5:7; שאלהי 'Ask him!' D7.1:14⁽⁶⁸⁹⁾; *fs+3fs* הבה G 'Give it!' A3.4:3 // הביה D7.9:2; *mp+3ms* החוהי H 'Notify him!' A6.11:5; הושרהי 'Dispatch it' D7.9:13; *mp+3fs* בלוה G 'Bring it!' D7.9:3; *mp+1s* חני 'Show me!' D7.14:8.

⁶⁸⁴ We shall suggest below (§ 53 *b*) a possibility of viewing these verb forms as jussives all the same.

⁶⁸⁵ The attestation for the 3fs is incomplete, but there are a number of examples of the 1s *n* and 2ms *k*, without the extra *n*. See Degen 1969:80.

⁶⁸⁶ E.g. יִשְׁמְשֶׁהָ, יִשְׁזַבֵּן, יִדְחֶלְנִי. The three examples of the 1s, however, are not incontrovertible: יִסְבֵּן Sefire I B 28, usually emended to יִסְבִּי, can be emended to יִסְבִּנִי, ib. III 20 is preceded by ל, which may be restored as אל, making the verb a jussive form, and ויעני 'and he answered me' Zakkur A 11 may be equal to Heb. ויעני with an apocopated (= jussive) form. This still leaves אחצילך 'I shall rescue you' Zakkur A 14.

⁶⁸⁷ The gender of the pronoun in הבה 'Give it!' A3.7:4 escapes us.

⁶⁸⁸ The subject is not perfectly certain, possibly a woman, in which case the form of the suffix would be normal, since the imperative itself would end with a vowel.

⁶⁸⁹ The subject is, despite the spelling of the verb itself, most likely a woman, in which case the form of the suffix would be normal.

e) **Infinitive**: +3ms למזבנה G 'to buy with it' A3.10:5⁽⁶⁹⁰⁾, למבניה G 'to build it' A4.7:23, [ל]החסנותה H 'to bestow it' B7.3:7; לזבנותה 'to sell it' D D7.56:13; + 3fs למזרעה G 'to sow it' B1.1:3, לחרכותה D 'to evict her' B2.6:30, B3.8:30, משלמותה 'to repay it' C1.1:131, למנחתותה D or A 'to put it down' ib.171; + 2fs למשנתכי G 'to brand you' B3.6:7, לחרכתכי D 'to evict you' B3.7:16; +1s לחצלתני D 'to rescue me' A1.1:7; + 3mp מנחתותהם D or A 'to put them down' C1.1:170, למושרתהם A 'to dispatch them' A2.2:13.

f) Observations

1) As noted above in § 12 *f*, the 3ms conjunctive pronoun has two allomorphs: ה- and -הי. The general assumption is that the latter follows a historically long vowel or a diphthong. This theory certainly works with forms such as אסרוהי 'they imprisoned him' B8.5:8, החוהי 'Notify him!' A6.11:5, and גירוהי 'Let them institute (suit) against him!' A3.4:4. From this one can conclude that יהבתי 'you gave it' B5.5:7 is a defective spelling for יהבתיי⁽⁶⁹¹⁾, החסני 'Hold it as heir!' B2.3:26 for החסניי⁽⁶⁹²⁾, and הבחי 'Give it!' B2.7:16 for הביי, all fem. sg. verb forms.⁽⁶⁹³⁾ Likewise the spelling זבנוי 'we sold it' B3.4:5 allows us to postulate that the pf. 1p ended with a long vowel.⁽⁶⁹⁴⁾ On the other hand, the pf. 1s does not seem to have ended with a vowel, as may be concluded from forms like קטלתי 'I killed him' C1.1:49 and הנצלתי 'I reclaimed from him' B3.3:14, for otherwise the forms would have been spelled קטלתיי and הנצלתיי respectively.

2) The reason why אחיזה (= /*ʔe:taye:h*/?) 'Bring him!' impv. fs+3ms at A2.3:10 does not end with הי-⁽⁶⁹⁵⁾ appears to be that the impv. itself ends with a consonant, or a semi-vowel, /*ʔe:tay-*/

⁶⁹⁰ The syntax is strange; the translation given above is the meaning required by the context. The direct object המו עבור in זבנתן המו עבור 'you bought grain with them' ib.5 is equally puzzling.

⁶⁹¹ Pace Beyer (1984:475) the verb is of the 2fs, not 2ms.

⁶⁹² Segert (1975:310) apparently analyses the form as masculine.

⁶⁹³ Segert's (1975:310) הביי is a misprint.

⁶⁹⁴ Cf. the occasional plene spelling of the conjunctive 1p morpheme with nouns and prepositions as in ביתנא 'our house' C3.28:48. See further § 12 *h*.

אגרא 'the protecting wall that the Egyptians built' B3.10:9 is probably an error for ... בנוה, the conj. pron. referring to אגרא 'wall,' a f. noun or possibly הנפנא, should the latter also be fem. At B3.11:4 one reads בנו מציא. In any case, to read the first half of בנו as monophthongised and defectively spelled /bno:/ is rather unlikely.

⁶⁹⁵ But Beyer (1984:497), consistent with his theory mentioned below, interprets the form as /*ʔaytáyhi*/.

or such like: cf. JA מִגִּילָה Megillah 73a(44).⁽⁶⁹⁶⁾ From this we may further conclude that only the diphthong *aw* demanded the conjunctive pronoun הִי.

3) The most knotty question is concerned with the 3ms pronoun הִי- attached to a verb form, mostly a pc. form, and twice an impv., but never a form of the pf. or any other category of verb inflection.⁽⁶⁹⁷⁾ The general assumption is that such an allomorph follows a long vowel or diphthong. There are, however, too many cases which do not appear to meet such a condition. Examples are הִי יַכְבֶּשֶׁה 'he will press him' B3.9:5 or הִי אֶתְּנֶנִּי 'I shall give it' B1.1:11. For more examples, see above under (b). The difficulty is that no diachronic or comparative consideration points to an originally long vowel or a diphthong ending such verb forms, which are generally considered to have been similar to those of the first energetic mood in Classical Arabic ending with /-nna/, e.g. /yaqtulanna/.⁽⁶⁹⁸⁾ A diphthong is out of the question. If it were a long vowel⁽⁶⁹⁹⁾, the only plausible candidate is /a:/.⁽⁷⁰⁰⁾ Such a long *a* could have developed, if it carried stress.⁽⁷⁰¹⁾ Even

⁶⁹⁶ Quoted by Sokoloff (1990:81). See also some examples in Dalman 1905:348, and his comments (1905:339). In YBA one finds הִי (Morag 1988:280) and בְּתָא הִי (Epstein 1960:97).

⁶⁹⁷ Cf. Folmer 1995: 241-52 and Muraoka 1997a: 208-13.

⁶⁹⁸ Kottsieper (1990:177), for a reason which appears to us unlikely, denies that any vowel preceded the /n/. Though Beyer (1984:473) breaks down the energetic into the jussive /yaqtul/ + /-anna/ or /-nn/, we would suggest, if we are to take the Arabic scheme as our starting point, the energetic morpheme is best considered as I /-nna/ or II /n/, both added to the subjunctive, /yaqtula/. In such a case, the /a/ preceding the /n/ would be, *pace* Kottsieper (1990:177), no helping vowel.

Furthermore, Kottsieper makes no distinction between the <n> of the 1sg. suffix <-ny> and our "energetic" <n>, which is totally unjustified in view of the fact that no Semitic language adds the latter to the suffix conjugation.

A complementary distribution which Garr (1985:111) postulates and considers Proto-Semitic, namely the *h*-form with verb forms other than the perfect and originally ending in a consonant and the *n*-form with those originally ending in a vowel, is obviously invalid with verb forms having an etymologically long vowel as in f.sg., m.pl.

⁶⁹⁹ So Bennett (1984:52-92, esp. 85-89), who generally follows Kutscher (1971:118) in this matter, without specifying, however, what vowel, if any, he considers precedes the suffix הִי-.

⁷⁰⁰ Leander (1928:51f.) gives no argument for his /-6:hi:/. Kottsieper (1990:178) indicates a short /a/.

⁷⁰¹ Possibly it did not have to be long.

so, some⁽⁷⁰²⁾ problematic cases remain: ה- appears instead of ה- in יתנוה 'they will bring him' A2.6:10, תתנוה 'you (mp) may give it' B2.10:9, תתנוה 'you (fs) may give it' B2.7:8, and perhaps אנתנה 'I shall give it' B4.6:5. One possible interpretation of these rare, Yodh-less forms is to see in ה- a defective spelling for ה-. One finds at least one comparable case in our corpus: יתניך 'he will institute suit against you (fs)' B3.5:15 (// יתניכי ib.14). One notes, however, that all of these forms⁽⁷⁰³⁾, except the last, happen to show, in their impf. form, the syllabic structure $-R_3Vn(a)$. It is just possible that the Aramaic energetic of these forms, unlike their Arabic counterpart, retained a long vowel after R_3 , thus preventing the shift of the stress to the vowel following the final /n/ and keeping the vowel short.⁽⁷⁰⁴⁾ Finally, נתנה (= /nittna:hi/?) 'we will give it' A2.1:7 and יתנה 'Let him give it!' D7.29:9, if not a scribal error for נתנה* and יתנה* respectively, are probably based on the analogy of the energetic forms, for, if we are to start with the Classical Arabic model, the jussive נתן and יתן would have no vowel ending⁽⁷⁰⁵⁾. The above consideration applies to the impv. עבדה 'Do it!' C1.1:87⁽⁷⁰⁶⁾ (and possibly שלחה 'Send it!' D7.4:7). This contrasts with הבה 'Give it (= בית) A3.8:6.

An explanation proposed by Beyer (1984:424, 473, 476-79), and accepted by Hug (1993:87), is arbitrary.⁽⁷⁰⁷⁾ According to them, Aramaic, though presumably not every dialect, uses both Energetic I and II. Energetic I possesses a linking vowel, but Energetic II does not. The two can be distinguished only before suffixes⁽⁷⁰⁸⁾:

⁷⁰² These are exceptions, the norm being ה-. Hence Bennet's (1984:82) "occasionally" is misleading, whereas Beyer's (1984:473) "die allein übliche Form" is the other extreme.

⁷⁰³ אנתנה 'I shall give it' B4.6:5 does not fit this categorization.

⁷⁰⁴ Cf. an attempt by Bauer - Leander (1927:123f.) to account for a plene spelling such as Dn 5.6 יבדלנה for the expected יבדלנה, as at ib. 4.16.

⁷⁰⁵ Cf. Bauer - Leander 1927:125.

⁷⁰⁶ The restoration of a Yod at the end is generally accepted. ʾabidhī/ of Lindenberger (1983:85) is difficult to accept. A TA form such as סבהי 'Take it!' 2Kg 4.19 (Dalman 1927:375) must be evaluated in the light of the fact that with the pc. the pattern as in יתקניה is the rule in that idiom.

⁷⁰⁷ Hug (1993:87), for instance, lists נתנה 'I give it' and תורענה 'you sow it,' both from one text (B1.1), as instancing the impf. with the 3ms suffix—the former an example of Energetic II with no linking vowel and the latter of Energetic I with such a vowel—though the latter, we believe, refers to a feminine noun.

⁷⁰⁸ So Beyer (1984:473), but this manifestly cannot be true in purely

schematically, Energetic I *ישימנה* /--minneh/ as against Energetic II *ישימנהי* /--mínhi:/. As long as some functional or morphosyntactic opposition is not established between the two energetic moods, the argument is obviously circular. Nor can some of the actual data we have in our corpus, as we have seen above, be fitted into such a neat pattern. See, for example, a contrasting pair of imperatives mentioned at the end of the preceding paragraph.⁽⁷⁰⁹⁾ Moreover, Beyer would need another rule to account for the same morpheme *הי* in forms such as *אסרוהי* 'they imprisoned him' B8.5:8; *בנהי* 'he built it' Ezr 5.11; *אביוהי* 'his father' B3.6:11; *הבהי* /habíhi/ 'Give it!' B2.7:16 (impv. fs + 3ms).

4) Those pc. forms quoted above with a personal suffix /-n/ as having an energetic Nun are, in fact, ambiguous. One cannot say confidently whether *תתננה* B2.10:9 has the last Nun geminated or not.

5) Examples of the 3pl pronouns as a direct complement of a verb are: *אחדוהו* 'he seized them' A6.7:7; *לא איתיתוהו* 'I did not bring them' A3.3:10; *נפלנוהו* 'we shall divide them' B2.11:13; *אהנצלוהם* 'I shall reclaim them' B6.4:8. See further below at § 74 *h*. False analogy of the syntactic rule under consideration seems to offer the best solution for the following two striking cases of *הי*, once disjunctive and the other time conjunctive: *כתנה זי החתי* 'the garment which you brought for me (to) Syene, *that* I am wearing' A2.1:6 where the emphatic compound sentence accounts for the resumptive object pronoun, and *רחם אנה להי שגיא* 'I love her much' D23.1 II:8, 13. In both cases one expects *לה*.⁽⁷¹⁰⁾ The sole instance in our entire corpus of a 3pl conjunctive object pronoun directly added to the verb occurs in this same document *אנתנהם* 'I shall give them' ib. 15 for the expected *אנתן*.⁽⁷¹¹⁾ It is noteworthy that these two unusual forms should

consonantal texts, and Beyer's (1984:477) reconstruction as exemplified in the following examples is patently arbitrary: *ירתנה* /yaretánha:/ "er beerbt sie" vs. *ירתנה* /yettēnennáha:/ "er gibt sie." Hug (1993:87) justly narrows the differentiability to the 3ms.

⁷⁰⁹ Beyer (1984:479) resorts to emending the "offending" form *הבהי* to *הבה*.

⁷¹⁰ Ours is close to the last of Lemaire's (1995:85) three alternative explanations, which he, however, regards the least plausible.

⁷¹¹ Although Degen (1979:50), apparently accepted by Hug (1993:20f.), has convincingly disposed of the only alleged suffixed object *הם* in the Ashur letter (line 17), which in his scheme belongs to the IA period, by proposing a haplography, *אכלתהם* 'it consumed them,' this latest example cannot be so easily done away with. It seems that one simply has to accept the form as a lingering feature attested, albeit admittedly only weakly, right

be attested in a document with idiosyncratic grammar.^(711a)

6) The third person plural conjunctive object pronouns attached to the infinitive as in *לְמוֹשְׁרָתָם* 'to dispatch them' and *מִנְחֻתָּוָהֶם* 'to put them down'⁽⁷¹²⁾ clearly illustrate that, in this respect, the infinitive in our idiom is morphosyntactically a separate category from the finite verb. That these pronouns were perceived as "objects" is shown by the form *נִי*-, and not *י־*-, in *לְחַצְלָתִי* 'to rescue me' A1.1:7⁽⁷¹³⁾, a case of verbal inflection.⁽⁷¹⁴⁾ It is noteworthy, however, that *הֶם*- is otherwise, with one exception only (§ 11 f), a conjunctive *possessive* pronoun and the finite verb always uses *הֵם*. Thus the form *הֶם*- here, attached to the infinitives, represents a conflation of two inflections, nominal and verbal.⁽⁷¹⁵⁾ See also above § e and § 23 p.

7) Where a pronoun is attached to a participle, the latter is

from the OA period (Sefire) through the Ashur letter and the Hermopolis papyri, and down to the Ahiqar proverbs. We would then not need to invoke the alleged nominal character of the infinitive (so Degen 1979:50) in order to account for *לְמוֹשְׁרָתָם* 'to send them' and *מִנְחֻתָּוָהֶם* 'to put them down' (mentioned in the following subparagraph), for there is little doubt that a pronominal suffix attached to the infinitive was perceived as objectival.

^{711a} Pace Bauer - Leander (1927:337 i, 340 s) and Vogt (1971:162b) we would interpret *לָהֶם* at Ezr 5.10 *שָׁאַלְנָא לָהֶם שְׁמֵיהֶם* 'we asked them their names' as indirect object, not a second direct object. Cohen (1975:10f.) has his own reason for objecting to this common interpretation. For him the preposition Lamed is added because the persons being asked are more important in precipitating the asking than their names, an argument which is rather subjective.

⁷¹² On the fluctuation in spelling between *ת־* and *ו־*, see above § 23 p.

⁷¹³ Segert (1975:307) and Gibson (1975:113) read *לְחַצְלִי*, but Hug (1993:16) has *לְחַצְלָתִי*.

⁷¹⁴ OA appears to prefer the nominal inflection: Sefire III 11 *לְהַמְחִי* 'to kill me' // *לְהַמְחִי בְרִי* 'to kill my son.' Cp. also *חֹבְתָהֶם וְלִאבְדָת אִשְׁמָהֶם* 'to strike them and to destroy their name' Sefire II B.7 with *לְמוֹשְׁרָתָם* and *מִנְחֻתָּוָהֶם*. Note an interesting difference between TA and GA in this respect: Dalman 1927:377-80. On Syr., see Muraoka 1987:55.

⁷¹⁵ As against Folmer (1995: 428), who writes "... only the infinitive *continued* [emphasis ours] to be complemented exclusively by the obj. pron. sf., at least as late as the end of the 5th century," the situation in our corpus represents a different *system* or *structure*, for OA, more specifically the language of the Sefire inscriptions, does not, like in our corpus, present a complementary distribution, but attest to a single pronominal morpheme for the third person plural, whether conjunctive or disjunctive, viz. *הֶם*. In the Zakkur inscription (8th cent.), however, there appears to be a beginning of a similar complementary distribution: line 9 *הֵם וְחֻמֹּתָם* 'they ... and their encampments.'

invariably substantivised.⁽⁷¹⁶⁾ Thus משלחה D 'one who sends it' C1.1:82⁽⁷¹⁷⁾; נמחורוי G 'his attackers' ib.103; אןחרחה 'his title-holder(?)' B3.8:29; שני, an error for שני, G 'my enemies' ib.110. In contrast, where a personal pronoun constitutes a direct complement of a participle, it is mediated by the preposition Lamed as in כלין להן 'they detain them' A4.2:14: see further on this subject at § 74 j.⁽⁷¹⁸⁾

8) The conjunctive object pronouns used with verbs show no allomorph ending with /n/ for the 2mp, but only with /m/, thus unlike those attached to nouns and prepositions (§ 12 i). Nor does one find any example of הן or הן for 'them (m.)' as direct object. Whether any significance is to be attached to this or it is due to imperfect attestation is difficult to say.⁽⁷¹⁹⁾ The only -n form attested is feminine: ברכנכן 'we blessed you' A2.5:1.

⁷¹⁶ Lindenberger's remarks on this subject (1983:76) are confused; unlike Bauer - Leander (1927:117), he and Leander (1928:50) fail to distinguish between the purely verbal and the substantival use of participles. Those Aramaic dialects he mentions as attesting the act. ptc. with a pron. suff. use such a ptc. substantivally under those conditions.

⁷¹⁷ With Lindenberger (1983:76) we reject Bauer - Leander's analysis (1927:117) of the form as D ptc.pass., "das Ausgesandte davon."

⁷¹⁸ It is thus impossible to interpret, as Kraeling (1969:220) does, שני as G ptc. + 3fs (object): C1.1:103, which he adduces as supporting evidence, is irrelevant, as shown above.

⁷¹⁹ In B2.10 the /-m/ morpheme alternates once with /-n/ in רחמתן 'you liked' B2.10:9, though it is a subject morpheme.

PART THREE

MORPHOSYNTAX

SECTION A

THE PRONOUN

§ 39. Personal pronouns

a) Whether conjunctive or disjunctive, a personal pronoun in the first or second person, refers to the speaker(s) or the person(s) spoken to respectively. Thus *הי מלבש אנה* 'that I am wearing' A2.1:6; *לכן אנתה יצפן* 'about you we worry' ib.8; *אנת שם* 'you, issue an order!' A6.3:7. The reference may be "personalised" and applied to a non-human living object, animal or plant: "The [bramb]le dispatched to [the] pomegranate, saying, '... How goodly is the ab[un]dance of your thorns (כביד) ...?' " C1.1:101; "The lambs ... said to him [= the bear], 'Carry (away) what you (לך) will from us (מנן)' " ib.169.

b) A pronoun in the third person, by contrast, may refer not only to a person or persons spoken of, but also to an inanimate object or objects, often with no implication of personalisation. For example, "my son ... he (הו) will succeed me" C1.1:18; *חכים הו* 'he is wise' ib.28; *ברתה* 'his daughter' B2.3:3; *הי אנתתי* 'she is my wife' B2.6:4, but *משחזה* 'its measurements [= of the property]' B2.3:3f. Such a pronoun must agree in gender and number with the noun to which it refers: *הי וילך* 'it [= ארקא] is yours' B3.10:11. The 3ms *הו* may even refer back to a whole notion or thought as in *הו מן אלהן* 'it is a punishment from gods' C1.1:128. In such a case it is difficult to identify a single noun or noun phrase to which the pronoun refers: "Give him as much as (לקבל וי) you can. It is not a loss for you (לא חסרן הו לכם)" A4.3:9; ... *הן כנם הו* 'if it is so according to these words' A6.11:3; *עליכי הו* 'it is your responsibility' D7.5:10, and perhaps *הו לה שכר הו* 'it/he is hired for him' D7.20:3. A variation on such use of *הו* is equivalent to "i.e., namely" in an explanatory gloss: *כרש חד הו 1 שקלן תלחה* 'one karsh, that is, 1, three shekels, that is 3' B3.12:5; *תשרי הו*

אֶפֶי 'Tishri, i.e. Epiph' B3.8:1⁽⁷²⁰⁾; הוּ חֲחִית הוּ חֲרִבְצָא 'the *hyt*, i.e. the courtyard' B3.10:15.

c) הוּ also has the grammatical function of extraposing or focusing on the immediately preceding clause constituent: הוּ אָנָּה 'I am Ahiqar' C1.1:46; צִנְפֹּר הִי מְלָא 'a word is a *bird*' ib.82.

In הֵן כֵּנִם הוּ כְּמַלִּיא אֱלֹהִים 'if it is thus (i.e.) as these words' A6.11:3, there is no noun or noun phrase which can be regarded a referent of the pronoun. Such a pronoun may appear as the last of a three-member nominal clause as in הוּ זֵי יִהְנֹפֵק כְּדָב הוּ 'what he produces is fraudulent' B3.11:16. For more on this syntax, see below at § 77 *ca*.

d) The third person plural disjunctive pronoun הֵם or הִמּוּ is, in addition to the uses described above, used as a direct object of a verb form other than the infinitive and the participle, whereas the rest of the pronouns are synthetically attached to the verb as conjunctive pronouns: הֵם אֶחְצֹל 'I shall reclaim them' B6.4:8; לֹא הִמּוּ אֵיחִית 'I did not bring them' A3.3:10. The use of הִי in זֵי הִי מַלְבֵּשׁ אָנָּה (to) Syene—that I am wearing' A2.1:6 is exceptional.⁽⁷²¹⁾ The pronoun הִי, however, is not of the same kind as הֵם or הִמּוּ, for the participle מַלְבֵּשׁ cannot take a conjunctive pronoun as its object. See above § 37 *f* (5) and below § 74 *h*.

e) The finite verb, namely a verb form other than the infinitive and participle, has a built-in marker⁽⁷²²⁾ of the categories of person, number, and gender.⁽⁷²³⁾ Yet we often find a disjunctive personal pronoun used next to, and preceding⁽⁷²⁴⁾, such a finite verb. In our corpus it almost always appears immediately before the verb.⁽⁷²⁵⁾ It is most common in the first and second persons,

⁷²⁰ We would rather assume a scribal error of הוּא for הוּ at B3.1:5 instead of a difficult הוּא as ptc.act. (so Joüon 1934:39). On a peculiar use of הוּ in the sense of "idem, ditto" in a list of names (C3.15:6,26,27,28), see Joüon 1934:66-67.

⁷²¹ For similar syntax, cf. לְשַׁלַּח הוּא 'to expel him' IQS 7.16 and לְהַמִּית הוּא 'to kill him' CD 9.1 in Qumran Hebrew (Qimron 1986:76).

⁷²² Driver's view (1957:78) that a pronoun is required because the [written] form of the verb does not distinguish the 1st and 2nd persons is most unlikely.

⁷²³ The imperative lacks the first and third persons.

⁷²⁴ Except in cases discussed under (iv) below.

⁷²⁵ In a seeming exception such as הֵן דִּין לִי ... וּבְרָה לִי 'I shall not be able—I, Mahseiah, son or daughter of mine ...—to bring suits against you' B2.11:7 we may note that the long multiple subject introduced by אָנָּה is, in fact, in apposition to the subject latent in אֶחָדֵל. So

which seems to suggest that the use essentially belongs to lively, colloquial speech.⁽⁷²⁶⁾ Such a use seems to be motivated by a variety of factors.⁽⁷²⁷⁾ It is highly frequent with imperatives.

i) Contrast or opposition

E.g., 'ואנה קוניה לא אכהל' (the property is yours), so I, Konaiah, shall not be able to ...' B2.1:11; 'אנחנה מגשרתן לא שבקן' (unlike the rebels) we did not desert our posts' A4.5:1; 'עבדך זה' 'he shall do your work' C1.1:21; 'אנת לקבל זי אנה עבדת לך כן' 'you, just as I did for you, so, then, do for me' ib.51, where the unusual position of אנה reinforces the notion of contrast⁽⁷²⁸⁾; "should I die before having repaid the loan, it is my children who shall repay it (בני המו ישלמון)" B3.1:15; 'עבדתא זי אנת' 'the work which you will have undertaken' B2.4:10; 'בנויא זי' 'the rebuilding which you will have executed' ib.12⁽⁷²⁹⁾; 'אנת בנית' 'it is Eshor that will inherit from her' B2.6:21.⁽⁷³⁰⁾ See also B2.4:10 (המו), 13 (המו); B3.3:11 (הי), 12 (הו). Cf. 'שבתא' 'he will seek the good' C1.1:24; 'למה הו יחבל מתא עלין' 'why should he harm the land on us?' ib.36 and 'הו חבלך' 'he (of all persons) harmed you' ib.44: this recurring הו, once referring to Ahikar and then to Nadin, must be a deliberate stylistic device for highlighting a contrast between the behaviour of Nadin and that of Ahikar.

ii) Assertiveness⁽⁷³¹⁾

A pronoun of the first (and rarely second)⁽⁷³²⁾ person is often used as an expression of the speaker's ego, personal

also 'if we bring suit against you about it—we, Mahseiah or my children' ib.9. This is a partly grammatical, partly stylistic feature common to Biblical Hebrew as exemplified in Gn 6.18 'ובאתך אל התבה אתה ואשה ובניך' 'and you go into the ark, you and your sons': see Joüon - Muraoka 1993:§ 146 c.

⁷²⁶ Cf. Muraoka 1985:58. See 'כזי אנה הוית אתה' 'whilst I was coming' A6.3:2.

⁷²⁷ Bauer - Leander (1927: § 72 a), followed by Fitzmyer (1956:28f.) to a certain extent, unjustly hold that such pronouns are mostly pleonastic.

⁷²⁸ See also 'אנתי מה תאמרן' 'if M. doesn't care for me, you, what would you say?' D7.16:11.

⁷²⁹ These last two examples are concerned with a possible future extension and refurbishing to be undertaken by a new owner.

⁷³⁰ This is actually a variant of the above-mentioned extraposing § c, a cleft sentence.

⁷³¹ Cf. Muraoka 1985:47-66.

⁷³² That אנה predominates in this and the following category ("self-centredness") is easy to understand in terms of human psychology.

involvement or self-consciousness. This may occur in emotionally charged situations such as *an expression of displeasure*—אנה 'I was not pleased' A6.16:4; *promise or commitment*—אנה 'I shall give you' B2.3:21, B2.4:14; (נפלחנך =) אנחן יפלחנך 'we shall serve you' B3.6:11; regularly in *penalty clauses*, often reinforced by addition of the party's name—אנחן ... I Peu ... shall give' B2.8:9; *authoritative statement*—אנה אשים להם טעם 'I shall issue an order for them' A6.3:6; *boasting royal style* - ונה 'this I [= Darius] did' C2.1 III:3⁽⁷³³⁾, sim. C2.1:35; *accusation* as if an accusing finger is pointed at the person—הו 'he complained' A4.2:3bis; "you dispatched (אנת הושרת) what I did not want" A6.16:3; והו החסן 'and he took hereditary possession (and did not return [them])' B2.9:7; אנה [על]ח 'you brok[e in]' B7.2:4; אנה נכתני חויה 'I was bitten by a snake (and you couldn't care less)' A2.5:8; often in *legal contracts* where the demarcation between the parties involved is important and a measure of solemnity or pomp is not entirely out of place—אנה אחיח עליך 'I came to you' B2.1:3, likewise B2.6:3, B3.3:3, B3.8:3, B3.13:2, B6.1:3; אנה קבלח עליך 'I complained against you' B2.2:5, sim. A6.14:1; 1 בי ... 'I gave you ... a house' B2.3:3; אנה 'I gave it to you in my lifetime and at my death' ib.8; אנה יהבחה לכי אנחי החסנהי 'I gave it to you, you hold it as heiress!' ib.25; זי אנה יהבח למבטחיה 'which I gave Mibtahiah' B2.4:3, sim. A6.11:5; אנחן זבן ויהבן לך 'we sold and gave you' B3.4:3; [א]נת קבל[ח] 'you complained' B7.2:4⁽⁷³⁴⁾; the *legal parlance* coupled with self-consciousness is manifest when אנה is followed by the speaker's name as in לא אנהצל מנכי 'I Mahseiah will not be able to reclaim from you' B2.3:18; כען אנה ענני 'Now I Mahseiah said to you' B2.4:5; אנה ... אשלם 'I Anani ... shall pay' B3.13:3, sim. B3.7:3, 12, 14f.; אנה 'I Malchiah shall call upon you' B7.2:7. Many contracts or legal documents whose first finite verb is in the first person use אנה or אנחנה; apart from the examples mentioned above, see also B2.1:11 (with name), B2.6:3, B2.7:2, B2.8:9 (with name), B2.9:4, B2.10:12 (with name), B2.11:2, B3.3:3, B3.5:2, 4-6, 11-12, 13 (with name), 18, B3.6:3, B3.8:3, B3.10:2, B3.11:9 (with name), 16 (with name), B3.12:3 (with name), 24, B3.13:2, B5.1:2, B5.2:3 (plausible restoration), B5.5:2, B6.1:3; but not אנת as in יהבח לי 'you gave me' B3.1:3, also B2.2:4, B3.2:3, B4.2:1, B4.4:3, B5.6:2.

⁷³³ Akk. *aga: ana:ku e:tepuš*, and cf. Joüon - Muraoka 1993: § 146 a (4).

⁷³⁴ See also B3.3:3,14; B3.4:15; B3.6:3,14; B4.4:15.

In an Ahikar proverb some beast approaches a wild ass in a patronising tone, saying אֲנִי [אֲסַבְלֶנְךָ] 'I shall support you' C1.1:203, an offer which the humble beast rejects out of a sense of self-respect: אֲנִי רַכְבִּיךָ לֹא אֲחֻזָּה 'I shall not see your riding' ib.204.

iii) *Self-centredness*

וּבִנְתִּי לִי 'je t'ai donnée moi-même' A3.10:4⁽⁷³⁵⁾; אֲנִי יִהְיֶה לְךָ 'I bought for me myself 1 tunic' A3.3:11.⁽⁷³⁶⁾

iv) *Coordinate subjects*

A personal pronoun often heads a series of coordinate subjects linked with the following subjects by an associative conjunction Waw or Waw of accompaniment, 'together with'⁽⁷³⁷⁾: לֹא אֲכַל אֲנִי וּבְנֵי וְזֶרַע זִילִי וְגַבְרָא אַחֲרֵי יִרְשָׁנִי דִּין וְדַבָּב 'I shall not be able—I or my children, or descendants who are mine, or another person—to bring against you suit or process' B2.7:8; לֹא אֲכַהֲלִי אֲנִי אֲוִרְיָה וְבֵר וּבְרָה לִי ... יִכְבְּשֶׁנִּי 'I shall not be able, I, Uriah, or son or daughter of mine ... to press him' B3.9:4⁽⁷³⁸⁾; ... יִמָּאֵת לִי 'you swore for me ... you, your wife and your son' B2.2:4. All these pronouns follow the verb, and they are to be considered an integral part of the following series of multiple subjects.⁽⁷³⁹⁾

v) *Authoritarian*

The 2nd person pronoun is sometimes used in a command issued to an inferior: 'You, do (אֲנַת עֲבַד) according to ...' A6.2:22; אֲנַת שֵׁם טַעַם 'You, issue an order!' A6.3:7, sim. A6.5:3; הִבּוּ אֲנַתְּם 'You, give!' A6.9:2; אֲנַתְּם [אֲ]תִּנְצְחוּ 'You, be diligent!' A6.10:5, sim. A6.14:2, A6.16:1; אֲנַתְּם הַחֲוֹהִי 'You, notify him!' A6.11:5.⁽⁷⁴⁰⁾ See also אֲנַתְּם הַנְּדָרִי עֲבִדוּ 'You, issue instruction!' A6.13:4; חֲזִי אֲנַתְּ אֲשַׁחֲמַר לְךָ 'You, regard!' A6.15:3. Here one may include אֲנַתְּ יְהִי בְרִי 'You, O

⁷³⁵ Grelot 1972:504.

⁷³⁶ אֲנִי is likely reinforcing the preceding conjunctive pronoun, for a disjunctive pronoun which is to be construed with a finite verb, as remarked above (e), regularly precedes the latter. Cf. the use of הִי mentioned above, also under (e), and see below, (vi)

⁷³⁷ On a similar phenomenon in BH, see Joüon - Muraoka 1993:§ 146 c.

⁷³⁸ Note the 3ms form of the main verb in both cases. See below at § 76 cc, cg.

⁷³⁹ ... אֲנִי אֲוִלַּח אֲנִי וְצִחָא בִּר פַּחַה אֲמַרְן לְפִיסִין ... [A3.6:2 can be interpreted in this fashion: 'I went, I and Šeha son of Paha. We said to Pisina ...' instead of 'I went. I and Š. ... said to P.' (Cowley 1923:139, Porten - Yardeni 1986:38, and Grelot 1972:129).

⁷⁴⁰ Also contrasting to ... יִהְיֶה ... אֲנִי.

my son' introduces a proverb, followed by an imperative הכצר 'Harvest!' C1.1:127 and נָךְ 'Borrow!' ib.129.

The pronoun of this type is understandably optional. Thus many other Ahiqar proverbs couched in the imperative do not use such a pronoun, e.g. אֲשַׁמֶּר לְךָ 'Watch yourself!' C1.1:81; אֲשַׁחֲמַעוּ לָהּ וְעַבְדוּ כֵן 'Obey him and act thus!' A6.8:3; הָבוּ 'Give!' A6.9:4, 5⁽⁷⁴¹⁾; טָרוּ 'Guard!' A6.10:6; ... וְסָטְרוּ ... וְעַבְדוּ ... 'Seek and bring (them) in ... and mark them ... and make over ...!' A6.10:7; הָב לָהּ 'Give him!' A6.12:1; הוֹשְׁרוּ 'Dispatch!' ib.3; הַחֲב הָב 'Restore, give!' A6.15:7,10. It will be seen that in many letters the two structures freely alternate.

vi) Somewhat akin to the usage described above under (iv) is the disjunctive pronoun matching and resuming a preceding conjunctive pronoun, which is then expanded by the addition of other coordinate nouns. Examples are: אֶפְקִי אֲנִי וְבָרִי 'he brought me forth, me and my son' A2.6:4; וְדָבַר אֲנִי וְבָרִי 'I shall not be able to institute against you suit or process—(against) you or son or daughter of yours' B2.8:7, sim. B2.3:12; וְךָ בֵּיתָא ... זִילְכֶם הוּא אֲנִי יְדַנְיָהּ וּמַחְסִיָּהּ ... חֵי בְנִיךָ אַחֲרֵיכֶם 'that house ... is yours—you, Jedaniah and Mahseiah ... and of your children after you(r death)' B2.10:8, which is most instructive on account of the last phrase beginning with חֵי, demonstrating that the writer, despite the preceding subject form אֲנִי, is still thinking in terms of possession and ownership. It is further to be noted⁽⁷⁴²⁾ that the string beginning with the disjunctive pronoun does not always immediately follow the conjunctive pronoun⁽⁷⁴³⁾, which may be taken to mean that the thought expressed by the string was perceived as a self-contained thought unit.⁽⁷⁴⁴⁾

vii) Semantically related to the usage described above under (i) and (ii), but formally related to (vi) above is the use of the disjunctive personal pronoun which, without any other co-ordinated noun phrase, follows a matching conjunctive pronoun. Examples: ... אֲנִי דַרְגָּמָן 'my house, I Dargamana, is ...' B2.2:8,

⁷⁴¹ But the directive began with הָבוּ (line 2).

⁷⁴² As also noted by Fitzmyer (1954:30).

⁷⁴³ Exceptions are the first example quoted above and אֲנִי יְדַנְיָהּ וּמַחְסִיָּהּ 'they will bri[ng suit or process] against you, Jedaniah and Mahseiah' B2.9:11.

⁷⁴⁴ On a more general plane we might say that, in the consciousness of native users of our idiom the speaker, the person spoken to and the person spoken of were conceptualised by means of the disjunctive, not conjunctive, personal pronouns irrespective of the mode of their syntactic actualisation.

where the issue is the ownership of a piece of land, and the writer must have attached some importance to the second **אנה**, which has been added subsequently above the line; **בשמי אנה ידניה** 'in my name, I Jedaniah' B2.10:12; **מטאך בחלק אנה ידניה** 'came to you as a portion, you, Jedaniah' B2.11:3; **מטאני בחלק אנה מחסיה** 'came to me as a portion, I, Mahseiah' ib.5; **ביחך אנה ענני** 'your house, you, Anani' B3.12:17; **חלקי אחרנא אנה ענני** 'my other portion, that of mine, Anani' B3.5:19⁽⁷⁴⁵⁾; **חלקא זילי אנה ענניה** 'the portion of mine, I, Ananiah' B3.5:9. It is significant that the great majority of examples discussed here as well as under (ii) and (vi) occur in legal or administrative documents. This is most likely part of the conventional legalese in which the identity of the parties involved is most important and this can be more effectively expressed by means of conspicuous, free-standing forms rather than through morphemes unobtrusively tacked on to verbs, nouns or prepositions.

viii) In one instance a disjunctive pronoun resumes the earlier introduced multiple subjects: **אנה מנחם וענניה רחיקן אנחנה** 'I M. and A., we are withdrawn from you' B2.9:9.

f) In one rare instance the second person is possibly neutralised to become a form used in making universally applicable statements like the colloquial English *you*: "it is not in your hands (**בידיך**) to lift your foot to put it down' C1.1:171, which in an alternative version reads: "it is not in the hands of the indivi[dual](**אנ[ש]א**) (**בידי אנ[ש]א**) to lift their feet and put them down apart fr[om] (the) *god*s" ib.170. But then many a proverb is addressed to an unspecified *you*.

g) A possible solecism may be found in **אנה ואתן ביד יתחן** C3.28:90, which may be rendered in a matching style as: "in the hand of Jonathan and I" as in "like you and we" for "like you and us."

h) The noun **נפש** 'soul; life' with an appropriate conjunctive pronoun is used as an equivalent of our reflexive pronoun series, *myself, yourself, himself* etc., but not as subject *I myself* etc.^(745a): e.g., **לקח עבד לנפשה** 'took, appropriated (it) to himself' A6.15:6. The use of such a combination as an equivalent of a disjunctive

⁷⁴⁵ The context, which speaks of the situation after the death of the speaker, Ananiah, militates against Fitzmyer's (1956:257, n.8) interpretation, according to which **אנה ענני** ought to head the following multiple subjects.

^{745a} Thus **נפשי צבית** B3.7:15 does not mean "I myself desire," but rather "my soul desires." In **אל תשים שלין לנפשך** 'Do not give rest to your soul' C1.1:130 **נפשך** is not a reflexive pronoun. The reading and interpretation are uncertain in ... **חלקא וחצוד נפשך** B1.1:7.

possessive pronoun (§ 40) seems to be a stylistic feature favoured by some scribes: בורע נפשך 'with your own seed' B1.1:4; בחמר נפשך 'with your own donkey' ib.13—נפשך occurring twice more in this 19-line document; ננפקת נפשה 'his own [out]lay' C3.19:7; בכפי נפשה 'with his own hands' B2.7:17.

§ 40. Disjunctive possessive pronouns

Highly typical of our idiom is the abundance of free-standing possessive pronouns composed of דיל-/ויל- and a conjunctive personal pronoun. ויל- in its turn is of course a combination of the ubiquitous connective וי and the preposition ל of ownership or belonging. This syntactic feature is part of a development⁽⁷⁴⁶⁾ whereby a synthetically bonded phrase of nouns or their equivalents is dissolved, each constituent thus becoming a phonetically and morphologically independent unit and the old syntactic relationship of subordination now being marked by a special lexical unit placed in between. Thus

בנתא זי מלכא > 'the daughters of the king'
 בנתא זילה > 'his daughters'

a) Both syntagms are attested already in the Bisitun inscription: e.g. [מלכותא] זי לן 'our kingship' C2.1 III:1⁽⁷⁴⁷⁾; [ביתא] זי לן 'our house' ib.4⁽⁷⁴⁸⁾; חילא זי מדי 'the troop of Media' C2.1:39.⁽⁷⁴⁹⁾ The total absence of the second syntagm in BA is all the more striking⁽⁷⁵⁰⁾ in view of its high frequency in our idiom and in view of the abundance therein of Babylonian and Old Persian

⁷⁴⁶ The Akkadian influence on this development is widely accepted. See Kaufman 1974:130-32. Its Akkadian background has been vividly demonstrated by Fekheriyan: see Muraoka 1983-84:101-3. It ought to be pointed out further that the ויל- + a conjunctive pronoun seems to be an inner-Aramaic development mirroring the Akkadian syntagm *attu* 'belonging to' + suf., and that all the instances known so far from a period earlier than the IA are of predicative type as in עבדן המו ולי 'the slaves are mine' Ashur letter 13, and in the only BA example חֲכֻמָּתָא וְגִבּוּרָתָא דִּי לְהֻדְיָא 'power and might are of his' Dn 2.20. For further examples (only two more), see Segert 1975:328.

⁷⁴⁷ Akk. NUMUN-*i-ni*, thus synthetic construction.

⁷⁴⁸ Akk. É *at-tu-nu* 'domus nostra.'

⁷⁴⁹ Akk. ú-qu šá KUR *ma-da-a-a*.

⁷⁵⁰ Dn 2.20 חֲכֻמָּתָא וְגִבּוּרָתָא דִּי לְהֻדְיָא 'wisdom and strength are his' is syntactically different.

loanwords..

b) The preceding noun or noun head can be in the status absolutus or determinatus.

st.abs.: e.g., עלים זילי 'a servant of mine' A6.11:1; בר זילה 'a son of his' B2.3:26; מלה זילך 'a matter of yours' A3.6:4; עלימן 'servants of mine' A6.9:4; עבדן זילי 'slaves of mine' A6.7:2.

st.det.: e.g., עלימא זילי 'my servant' A6.3:1, A6.4:2; בבא זילך 'your gate' B3.11:4; גרדא ונכסיה זילנא 'our domestic staff and properties' A6.10:1; ובניה עבדיא זילה 'and her sons, his slaves' B8.7:4. Cf. חטוסרי זילן 'our Tetosiri' D7.9:3.

c) Statistically, זילי is the most frequent with 42 occurrences, followed by זילך 21x (דילך 1x), זילכי 5x (דילכי 3x), זילה 1x, זיליכי 1x, זילה 12x, זילן 9x, זילנא 3x, זילכם 5x, and זילהם 1x.⁽⁷⁵¹⁾

d) Including some cases restored with more or less certainty our corpus attests to a total of 129 disjunctive possessive pronouns used attributively, of which 36 (28 %) occur in the 16 Arsames letters of an average nine lines per letter, which is significant: see below. Moreover, this group of letters never uses these pronouns substantively or predicatively.

e) The same forms may be used substantively, i.e. without a noun head: e.g. דילכי הו עד עלם 'it is yours for ever' B2.7:16; הו [ילקח זילה] 'a load which is not his' C1.1:185; וביתי זילהם 'he will take his' ib.107; וביתי זילהם 'and my house is theirs' B3.5:22; חרעא זילך הו 'that gateway is not yours' B2.1:12.⁽⁷⁵²⁾

f) Just like the disjunctive personal pronouns (see above at § 39 b), so the 3rd person disjunctive possessive pronoun may refer to an inanimate object: e.g. אגר ביחא זילה 'the wall of its house' B3.11:5; חרעא זילה 'its gateway' B3.12:21.⁽⁷⁵³⁾

g) On the syntax of the disjunctive possessive pronouns, see below § 59.

h) It is difficult to establish *functional opposition*⁽⁷⁵⁴⁾ between the two structures: synthetic ביחי and analytic בית זילי or ביחא זילי

⁷⁵¹ Restored forms are included.

⁷⁵² On the use of disjunctive possessive pronouns as predicates of nominal clauses, see a brief discussion by Swiggers 1988.

⁷⁵³ Thus *pace* Folmer (1995:261), who states "The pron. sf. attached to *zyl-* always refers to a living being as the 'possessor'," though her statement applies to the majority of cases, as can be easily seen from the statistics given above under *c*.

⁷⁵⁴ Whitehead (1974:224) takes the view that lexical preference may be involved. Folmer (1995:310-12) also takes a similar approach.

Whilst it is not certain that ביתי is necessarily definite, i.e. "the house of mine, the house which belongs to me," and synonymous with ביתא זילי, it is the flexible, analytic structure that removes such ambiguity. The analytic structure is therefore well suited where the noun head needs to be presented as indefinite: אנה ובני 'I, or my children, or any relation of mine or another person' B2.7:8, where the indefinite גבר אחרן is to be noted.

The analytic structure seems to be preferred where personal involvement is evident: "... we with our wives and our children (נשין ובנין) were dressed in sackcloth ... and fasting; our wives (נשיא זילן) have been made like widows ..." A4.7:15-20, where a sense of humiliation and hurt comes through. 'my land' ארקא זילי B2.2:5 occurs where the ownership of the land is in dispute.⁽⁷⁵⁵⁾ Examples in the Arsames correspondence can also be regarded as indicative of the satrap's assertiveness and power of possession: e.g., 'my estate' ביתא זילי A6.11:6; 'my servant' עלימנא [זילי] A6.12:1. The analytic phrase may be considered appropriate in the first mention of a debt in a loan contract: כספא זילך 'your silver' B3.13:8, but not in subsequent references (כספך ib.9,10,11). In the following case the word-order variation reinforces a contrast: yo[u brok]e [into my house] by force and struck my wife and took out goods from my house' B7.2:4-5 // עלה ולאנתחא // 'I did [not] break into your house by force and I did not strike the wife of yours and I did not take goods from your house by force' ib.8f. Analogous to the boasting, royal "I" ([e, ii] above) are זילי and זילן in the Bisitun inscription⁽⁷⁵⁶⁾: C2.1 III:4 // [ביתא] זילן 'of our seed' C2.1 I:3⁽⁷⁵⁷⁾ // חילא זילי 'my force' C2.1:16.⁽⁷⁵⁸⁾

⁷⁵⁵ Cf. "ma part à moi" B3.5:9 (Grelot 1972:222), and also חלקא זילי "ma propre part" A3.10:2 (Grelot 1972:504). On the latter example Folmer (1995:292) notes that it varies with חלקי ib.3. Perhaps the author of the document had emphasised his claim enough in the preceding line. The example at B3.5:9 is also matched by חלקי אחרתא 'my other portion' ib.19. See further B2.1:4, B2.3:3, B2.4:3, B3.12:4,13, B8.4:4, C1.1:48.

⁷⁵⁶ They may be spelled as two separate words; see above § 40 *a*.

⁷⁵⁷ At C2.1 III:1 we would rather restore זילן 'the kingship was taken from our line' in the light of LUGAL-u-tú šá la-pa-ni NUMUN-i-ni šu-ú iš-šu-ú.

⁷⁵⁸ Note the Akk. (line 52): ú-qu at-tu-u-a, and similarly line 28 (= C2.1 III:4 cited above) É at-tu-nu. The Akkadian disjunctive pronoun is emphatic: see von Soden 1995: § 44 *f*.

The statistical fact that the analytic syntagm is largely confined to the first and second persons (see § c above) is consonant with the notions of personal involvement and concern.

A clustering of disjunctive possessive pronouns is observable in some documents: 9x in A6.10 (13-line document, and all first person pronouns, *וילי* or *וילנא*) with *מראיהם* 'their lords' (twice and third person!) where the threatened diminution or desired expansion of the satrap's properties is the principal concern; 7x in B2.1 (20-line).

The analytic structure is preferred with a loan-word which is not yet completely naturalised: *תרִי רבִתא וילי* 'my large room' B3.10:4, B3.11:6, B3.12:13; *הנגיית והנבג ואדרנג וילן* 'partner-in-chattel, or partner-in-land or guarantor of ours' B3.12:27. See also B3.10:18, though *אדרנג* appears to have become naturalised enough to take a conj. pron. at times: e.g., *אדרנגי* B3.13:9 (by a scribe different than that of B3.11 and B3.12, though all penned in the same year, 402 BCE).

§ 41. Demonstrative pronouns

a) The basic function of demonstrative pronouns is actually to point to a person or object (deictic), or mentally to refer back to what has been mentioned (anaphoric, like the Engl. "the said") or to what is about to be mentioned (cataphoric).⁷⁵⁹ They may be used either substantivally, i.e. on their own, or adjectivally, i.e. together with a noun head.

Deictic: *זנה* 'this letter (i.e., which I am writing now and which you will receive and read)' A2.1:12; *ספרא זנה* 'this document (i.e., which is being drawn up herewith)' B3.11:7. Though our corpus accidentally lacks an example of the use of demonstrative pronouns actually pointing to a person or an object at some distance from the speaker (such as *זנך, זנך, זנך*), they must have occurred in actual speech situations.

זנה may refer to a point in time near to the moment of speaking as in *זנה יומא* 'this day, today' B3.11:8; *זנה שנהא* 'this year' A4.1:2. Likewise it may refer to a place near to the scene of speaking: *בזנה* 'here (i.e. where I am)' A6.3:2.

Anaphoric: the pronouns *זנה* and *זך* (and their inflected forms) are often used in contracts and official letters to refer to an initially mentioned entity: e.g., *זנה ביהא* 'this house (i.e. about which this document is concerned)' B3.11:7; *מליא אלה* 'these

⁷⁵⁹ On the morphology of the demonstrative pronouns occurring in our corpus, see above § 14.

words (i.e. the above-quoted)' A6.11:3; אגרא זך 'that wall (i.e. which I have just said you gave me)' B2.1:4,5; פלגא הו 'that half (just specified)' B2.4:12; זך אבד 'that one (i.e. just named) perished' A6.11:2; כזנה '(a thing) like this (i.e. as has just been described)' A4.7:15; על דנה 'on this (i.e. on the matter that has been elaborated above in this letter)' A5.2:9; מן זכי 'from that (earlier mentioned time)' A4.7:21. See also זי מסכן יעבד זך חזי 'that which a poor man does, that take note of!' C2.1:68.

Cataphoric: דנה חחומיה 'this is its boundaries (= its boundaries are as follows)' B3.11:3. Here also belongs כן 'thus' as used in כזי כן שמיע לי 'when we have heard thus ...' A3.3:13; כן שמיע לי 'I have heard thus, (namely) that ...' A6.10:3; ... כן ידע יהוי 'Thus [= the following] ought to be known to you ...' ib.8.

b) A demonstrative noun may be added to a personal name as in זך 'that Nathan' B8.10:2; פרימא זך 'that Pariyama' A6.7:7; וידרג זך 'that wicked Vidranga' A4.7:6; אחיקר זך 'that Ahiqar' C1.1:35; מנכי זנה 'this A.' C1.1:62,63; Mannuki' B8.7:6, B8.10:7. Such a pronoun always follows a name except in דנא חרא 'this Hōra' D23.1 II:10. In this last example and at A4.7:6 one hears a tone of contempt, though the demonstrative by itself does not seem to indicate such an emotion.⁽⁷⁶⁰⁾

c) An essential distinction between the זנה series and the זך series is illustrated in a bequest of apartment, B3.5, in which Ananiah begins by declaring that he had given his wife Tamet part of his residence, to which he first refers in a global and detached manner as "that house" (ביחא זך) (line 5), and then he proceeds to give details of the measurements and boundaries of the segment to be bequeathed to her, which is referred to as "this portion of the house" (זנה חלק ביחא) (line 11), and subsequently two more global references are made to ביחא זך (line 14). Likewise זך B3.4:7 - ביחא זנה ib.13,17.⁽⁷⁶¹⁾ Similarly, אלה נכסיה 'those goods' B2.9:8 vs. אלה נכסיה 'these goods' (line 15). A document recording the bequest of a house to a daughter is referred to as ספרא זנה 'this document' B2.3:18,22,28, whilst a forged document (ib.16) or a related document of an earlier date mentioned in passing (ib.25,27) is called זך ספרא.

d) It has been suggested that the demonstratives ending with -כי, namely דכי, זכי, אלקי, are used where one addresses a

⁷⁶⁰ Cf. Joüon - Muraoka 1993: § 143 d.

⁷⁶¹ Still ביחא זך at ib.12, though the demonstrative has been added later.

woman.⁽⁷⁶²⁾ From our enlarged corpus it transpires that this is only partially true: true at B2.8:6 (emending דכא to דכי), 8,9, B5.1:4,6, A2.7:3, but untrue at A4.7:21, A5.2:4, A6.3:7,8⁽⁷⁶³⁾, A6.4:3,4, A6.8:2.⁽⁷⁶⁴⁾ It is quite possible that such a distinction applied at a certain period or in a certain dialect, but it does not apply to our corpus taken as a whole nor is there any neat pattern of distribution to be recognised. It also needs to be noted that ׀ך is often used when one addresses a woman, e.g. B2.3:13,16,24,25,27(*bis*), B2.7:9,13,15.⁽⁷⁶⁵⁾

e) זנה may be used as a general deictic indifferent with respect to the gender and number of the referent: זנה משחת ביתא 'this is (= these are) the measurements of the house' B3.10:5*bis*, sim. B3.12:6,15; זנה תחומי ביתא 'this is (= these are) the boundaries of the house' ib.8, sim. ib.16; זנה שמחת נשיא 'this is (= these are) the names of the women' A4.4:4; זנה שמחת חילא יהודיא 'this is (= these are) the names of the Jewish troop' C3.15:1. Cf. Dutch: *Dit zijn goede boeken* 'These are good books.'

f) The substantival use of the demonstrative pronoun is exemplified by ׀ך אבד 'that one (i.e. just named) perished' A6.11:2; כזנה '(a thing) like this' A4.7:15; על דנה 'on this' A5.2:9; מן זכי 'from that' A4.7:21.

§ 42. Relative pronoun⁽⁷⁶⁶⁾

In this paragraph we shall only deal with clauses introduced by ׀י or די which can function as fully fledged clauses without it, and independent ׀י/די clauses which lack their antecedent. This would obviously exclude a clause fragment introduced by די/׀י, followed by a prepositional phrase, and expanding a preceding noun head as exemplified by זי ביב בירחא 'the temple in

⁷⁶² Leander 1928:34. See also Kutscher 1971:114f., where Kutscher unjustly makes an ignoramus of Leander. Moreover, in view of an improved reading [מדיתחא] אלכי דיני 'those judges of [the province]' A5.2:4 one can no longer say, as Kutscher does, that the above-mentioned suggestion applies to all Elephantine materials without an exception: A5.2 = Cowley 16. Nor is it necessary to see, as Leander did (Leander 1928:33), a scribal error in מן זכי A4.7:21 // ׀ך ע[ר]נא 'from that time' A4.8:20.

⁷⁶³ Driver (1957:47) apparently takes זכי as directly qualifying סרושן יחא six words earlier, which would, however, leave the following יחעבד subjectless.

⁷⁶⁴ At A3.1v:3 the text is poorly preserved.

⁷⁶⁵ Cf. also Folmer 1995:201-3.

⁷⁶⁶ On some unique features of the relative pronoun and the relative clause in Semitic languages, see Joüon - Muraoka 1993:§ 158 a*.

Elephantine the fortress' A4.7:7. This type of construction is treated in § 68 c.

a) The fact that the clause following a relative pronoun often lacks explicit reference back to its antecedent suggests that the relative pronoun itself is functioning as an integral part of the relative clause, not as a mere marker of dependence relationship between the antecedent and the clause following the relative pronoun.⁽⁷⁶⁷⁾ Thus כְּתָנָה זִי אוֹשַׁרְתִּי לִי 'the tunic which you dispatched to me' A2.1:4; כֶּסֶפֶה זִי הָיָה בְּיָדִי 'the silver that was in my hand' A2.2:4; בֶּר בֵּית־אֶלְשֶׁזֶב זִי אָחָה 'the son of Bethelshezib who is coming' A2.5:6, in which "he is coming" would normally require הוּא.

b) Where the antecedent corresponds to an element in the relative clause other than its subject or direct object, one normally finds a conjunctive pronoun pointing back to the antecedent. Thus אֵלֶּה נִכְסֵי זִי רִשְׁנָא עֲלֵיהֶם 'these goods about which we brought (suit)' B2.9:15; גִּבֹּר זִי חֻזְבִּנֹן לָהּ בֵּיתָא זֶךְ 'a man to whom you will sell that house' B2.10:11; זֶךְ בֵּיתָא זִי חֻזְמִתֵּי כְּתִיבֵן מִנֶּעַל 'that house the boundaries of which are recorded above' ib.8; בֵּיתָא זִי... אֲנָרֵהּ 'the house ... whose walls are (still) standing' B3.4:4. By contrast, וּמִנְדַּעֲמָחָא זִי הָיָה בְּאֲגוּרָא זֶךְ 'and the things which were in that temple' A4.7:12 (subject); מִשְׁתָּנִּי כְּתָנָה זִי אוֹשַׁרְתִּי לִי 'the tunic which you sent me has reached me' A2.1:4 (object). This distinction between the two syntagmata with respect to the use or non-use of a resumptive pronoun is illustrated in בֵּיתָא זֶנָּה זִי בֵּיתָא זֶנָּה 'this house which we sold and gave you and withdrew from (it) B3.4:13: in the first two clauses the antecedent is the direct object of a verb, while in the last it is attached to a preposition. Exceptional with a resumptive pronoun is אֲנָרָא זִי הַנִּפְתָּחָא זִי בְּנֵהוּ מִצְרִיִּם 'the protecting (?) wall that the Egyptians built' B3.10:8.⁽⁷⁶⁸⁾

Where the antecedent is a noun in the st.abs. that signifies a point in time and serves together with the following זִי as a conjunction of time, the following relative clause contains no pronominal reference to the antecedent: מִן יוֹם זִי אִזְלָתָּ 'from the day that you went' A3.3:2; מִן יוֹם זִי נִפְקִיתָּ 'from the day that you

⁷⁶⁷ As against Degen (1979:42), who writes: "... das Relativpronomen זִי bzw. די weder als 'Subjekt' noch als 'Objekt' verwendet wird, es ist lediglich der 'Exponent der Verbindung des Relativsatzes mit dem Worte [...], dessen Attribut er bildet' (so Nöldeke § 341)." Nöldeke goes on to say, though not quoted by Degen, "während ein auf jenes Wort zurückweisendes Personalpronomen (resp. Pronominalsuffix) in seiner regelrechten grammatischen Verbindung innerhalb des Relativsatzes steht."

⁷⁶⁸ Emend בְּנֵהוּ to בְּנֵהוּ. See p. 148, n. 251.

left' ib.3; ... 'until the day that ...' B4.2:3; ביום זי חרחענה 'on the day you wash it you should shear it' D7.8:6. With these examples contrasts ירחא זי לא אנתן לך בה מרבית 'the month in which I do not give you interest' ib.4, with ירחא in st.det., which suggests that יום in the former group of examples may be in the st.cst.: see also below at § 61 h.⁽⁷⁶⁹⁾

c) The noun antecedent of the relative pronoun, זי, can be in either the st.abs. or det. If the former, the relative clause is restrictive in the manner of the adjective *white* in *a white house* as against its non-restrictive use as in *white snow*: e.g. איחי באר ארחא 'there is a well which is built inside the fortress' A4.5:6; ... גבר זי לא ידע מה 'a person who does not know what ..' C1.1:113; ... גבר זי יקרב 'a person who offers ..' A4.7:28; בא [ר] ביחא 'Look for a person who might buy the [bi]g house!' A3.8:6. If the antecedent is in the st.det., however, the relative clause can be either restrictive or non-restrictive: *restrictive*—ירחא זי לא אנתן בה מרבית 'the month in which I do not give you interest' B4.2:4, namely as distinct from the month in which I shall pay the interest; *non-restrictive*—זי ידבן במנתא זכי 'in (regard to) that share, which we have given you' B5.1:6; [ס] פרא חכימא יעט אתור כלה זי הקים לברה 'the wise scribe, the counsellor of the entire Assyria, who established his son' C1.1:12; עם וידרנג זי פרתרך תנה הוה 'with Vidranga, who was Chief here' A4.5:4. There does not appear to exist any syntagmatic, formal distinction corresponding to such a semantic opposition between *restrictive* and *non-restrictive*.

d) Independent relative clause

Clauses beginning with זי and without an antecedent, and filling the slot of a noun in a larger construction are fairly common.

Functioning as *subject* of the main clause: זי [מ]ריר 'and there is nothing that is more [bi]tter than poverty' C1.1:89, sim. ib.159,160; זנה זי בפרחו עבדה 'this is what I did in P.' C2.1:29, sim. ib.50; *impersonal*—זי עבד לה 'Regard ... and that which he wants to do to it' A3.10:2; זי תעבדון לה לא 'what you do for him will not be hidden from A.'

⁷⁶⁹ This seems to be confirmed by a 9th c. BCE inscription found at Samos: ... בשנת עדה מראן נהר 'in the year when our lord crossed (the) river': see Eph'al - Naveh 1989:193. See also Kutscher 1972:39f. On a comparable feature in BH, see Joüon - Muraoka 1993: § 129 q.

Harrak (1992:68f.) argues convincingly that the expression at the Samos inscription and similar ones elsewhere are not part of an annalistic dating formula, but the syntagm had become fossilised as a compound conjunction. Our analysis would then be only valid from diachronic perspective.

'one who you desire to give (it) to him'.⁽⁷⁷⁵⁾ The same interpretation ought to be applied to the following cases, in which the preposition -ל would normally be required with the indirect object of the verb concerned, גרה: לא נכהל נגרה לבר לך וברה ולמן זי צבית למנתן: 'we shall not be able to institute (suit) against son of yours or daughter or (anyone) to whom you desire to give (it)' B3.4:13, sim. ib.15.

f) In the following cases, in contrast to the structure discussed above [e], the preposition preceding מן 'one who, he who' is to be construed with the verb which stands outside of the relative clause: למן זי רחמתי חנתן 'To whomever you love you may give (it)' B2.3:9; הבי למן זי רחמתי 'Give (it) to whomever you love!' ib.19; sim. B2.11:7. Possibly also the following difficult text: ישחלח על מן זי הוה 'Let word be sent to whoever is (there)!' A6.2:5.

g) A rare example of *asyndetic relative clause*, i.e. lacking זי, is found in חסינה טב כקרניתה 'a man whose stature is beautiful and whose heart is good is like a strong city' C1.1:95.⁽⁷⁷⁶⁾ On the other hand, 4 אבן זי נעבצן '1 papyrus-reed bed on which are 4 stone inlays(?)' B2.6:15 is part of a list, with the following בה rather loosely hanging on to what precedes. It is thus hardly a well-formed asyndetic relative clause.

h) According to Kutscher (1972:115) there is at least one possible example of the so-called "non-restrictive relative clause"⁽⁷⁷⁷⁾ in אנתנה ... הוין ... צימין ומצלין ליהו מרא שמיא זי החוין 'we were ... fasting and praying to YHW the lord of

⁷⁷⁵ Cf. § 60 f, and note לה חנתן זי חנתן 'we shall not be able to bring (suit) against your sons and daughters or one to whom you give it' B3.12:26. The two structures are mixed in זי רחמתי חנתן בניך שליטן אחרך ולמן זי רחמתי חנתן 'your children have right (to it) after you and one to whom you give (it) affectionately or one to whom you sell (it)' B3.12:23.

⁷⁷⁶ The parallelism with לבבה indicates the ה of מדדה as conj. pron. Hence שפיר is not in the st. cst., an interpretation contradicted also by the word-order of טב לבבה.

⁷⁷⁷ A relative clause which is not meant to give more precise information on the antecedent. E.g., "He had four sons, who became lawyers" (non-restrictive: he had no more sons and all became lawyers) as against "He had four sons who became lawyers" (restrictive: he had more sons), examples given by Jespersen (1933:358).

The other examples mentioned by Kutscher, all of the type זי לפתח ברכתכי A2.1:2, and part of the standard greeting formula of the Hermopolis papyri, do not belong here: see our interpretation of them in § 53 b.

heavens, who let us gloat over that Vidranga ...' A4.7:15.⁽⁷⁷⁸⁾

i) On the generalising relative clause with an interrogative as antecedent, see below at § 43.

§ 43. Interrogative pronouns

An interrogative pronoun may be used with the immediately following די/זי as an antecedent of indefinite reference, 'one who, whoever,' 'that which, whatever': e.g. למן די צביה למנתן 'one to whom you wish to give (it)' B3.4:12 et passim⁽⁷⁷⁹⁾; למן זי רחמתי 'to whomever you care for you may give (it)' B2.3:9 et passim; יהשלח על מן זי הוה 'Let word be sent to whomever is (there)' A6.2:5; מה זי תעבדון 'whatever you might be doing' A4.3:8; למה כזי תאחזה בונה מה זי 'what you dispatched' D7.16:9; מה זי הושרת לקחת זיני תשלם 'lest, on coming here, you should have to pay damages for whatever you took' A6.15:7.

§ 44. Indefinite pronouns⁽⁷⁸⁰⁾

a) The character of the indefinite pronoun מנדעם/מדעם as a noun rather than a pronoun is revealed by the fact that it is sometimes expanded by the addition of an adjective: מנדעם באיש 'something bad' A6.7:8, D20.5:2; מנדענעם אחרן 'anything else' A6.15:6; מנדעם קשה 'something difficult' C1.1:85.

b) מנדעם, in conjunction with a noun, may behave like a quantifier: followed by a noun—זילי מן ביתא לא הוה מן כסנתו 'my household did not suffer anything of a loss, no loss' A6.10:2⁽⁷⁸¹⁾; sim. ib.6; מנדעם מחבל 'some damage' A4.5:2 (מנדעם erased). On מנדעם [מנד]תנא 'any r[en]t whatsoever' A6.14:2, see below § 67 *e*.

c) מנדעם may be further reinforced by כל and the following clause: כל מדעם זי יחיה בה איש 'anything on which a man may live' B4.1:3; כל מנדעם זי חמיר 'anything that is fermented' A4.1:6.

d) Our indefinite pronoun may be used entirely on its own:

⁷⁷⁸ One is tempted, however, to take the particle as introducing direct speech, which would make an imperative of הוה. But there is no certain example in our corpus of such a use of the particle: see below at § 85 *a*.

⁷⁷⁹ On the preposition Lamed, see above § 42 *e*.

⁷⁸⁰ On the morphology, see above §17. The term "indefinite pronoun" is conventional. Words so termed are essentially nouns used mostly in the sg.abs., have no particularised referents, and are translatable in English with words such as *somebody*, *something*, *anything*, *nothing* etc.

⁷⁸¹ Rather than "nothing became a loss" (Driver 1957:64).

איש מנדעם ... לא חבל 'Don't buy anything!' A2.3:10; 'one did not damage ... anything' A4.7:14; 'I shall bring you something' A2.1:10; 'they bring nothing out for us' A2.5:2. Even in the pl.det.: 'the things which have been found therein' C3.7Gr2:23⁽⁷⁸²⁾; see also A4.7:12, A4.8:11, A4.5:23†.

e) When used negatively, whether on its own or expanded by another element, מנדעם/מנדעם precedes the verb: see three examples above under (d) and איש מנדעם באיש לא יעבד 'nobody should do anything bad' A6.7:8. So also A6.10:2,6, A6.13:2, A6.14:2. But in the following case the pronoun precedes in a positive clause: יהיה מנדעם כסנחו יהיה 'there will occur some decrease' A6.10:8.

f) איש/איש is often used in the singular in the sense of 'person,' thus gender-neutral: איש זי יובן ביתא 'a person, someone who might buy the house' A3.8:6. This word can also be expanded by the addition of: *adjective*—איש זעיר 'a small person' C1.1:162; איש אחר 'another person' B2.3:11; *possessive pronoun*—איש זילכי 'a person of yours' B2.3:12; איש לי 'a person of mine, someone from my circle' B2.10:10⁽⁷⁸³⁾; *relative clause*—ולאיש זי תנתן לה 'against someone to whom you may give (it)' B3.12:28; *numeral*—איש חד 'a certain man' C2.1:52.

The negation does not seem to affect the position of the word within a clause⁽⁷⁸⁴⁾: שמהתהם לא ידע איש 'nobody knows their names' C1.1:164; לעד אשכח איש למושרתהם, לכן 'I have not yet found anyone to send them to you' A2.2:12 (אשכח, an error for אשכח), also A2.4:11. In the following cases, איש מנדעם appears to be a fossilised, cohesive unit: איש מנדעם באיש לא יעבד 'nobody should do anything evil' A6.7:8; איש מנדעם באגורא וך לא חבל 'nobody caused any damage to that temple' A4.7:14. See also 'she did not say the slander of anybody' D20.5:2, which clearly shows the generalising character of איש, thus the personal counterpart of מנדעם.

g) אנש, though less common than איש, is close to the latter in

⁷⁸² This example indicates that, despite the sg. היה in באגורא 'the things which were in that temple' A4.7:12 the word concerned must be taken as pl.

⁷⁸³ These pronouns are never synthetically attached to איש, thus never איש, for example; note ובנין ובנות ואיש זילן 'and our sons and our daughters and a person of ours' B2.9:13.

⁷⁸⁴ Leander 1928:37 is misleading in suggesting that איש לא occurs without any word intervening.

usage: cf. "I, or son or daughter of mine, or man of mine, or another individual (וְאִישׁ לִי וְאִשָּׁה אֲחֵרָה) do not have right to brand him" B3.9:5; "I shall not be able—I, Mahseiah, son or daughter of mine, brother or sister of mine, or an individual who is mine (וְאִישׁ זֶלִיל)—to bring suit ..." B2.11:8.

The only example in which אִישׁ occurs on its own with a negative agrees with what we have observed above (§ e) concerning מִנְדַּעַם: מִנְדַּעַם לֹא שְׁלִים לְמִשְׁנָחָה: 'nobody has a right to brand him' B3.9:8.

h) אִישׁ/אִשָּׁה, as pointed out above (§ f, n. 783), never takes a conjunctive pronoun, which also applies to אִישׁ and מִנְדַּעַם/מִנְדַּעַם. The first two are, moreover, used always in the singular, whereas מִנְדַּעַם occurs in the plural, e.g. זֶהְבָּא וְכֶסֶף וּמִנְדַּעַמְחָא זִי הוּא בְּאִגּוּרָא זָךְ 'the gold and silver and the things which were in that temple' A4.7:12, sim. A4.8:11, A4.5:23, C3.7Gr2:23. While אִישׁ/אִשָּׁה is always used in the st.abs., the remaining two are also attested in the st.emph. as in the just quoted example of מִנְדַּעַמְחָא. אִישׁ is confined to Ahiqar proverbs. Though their context is mostly unclear and the reading not completely assured, the emphatic state seems to be generic, and the collocation with עֲמָמָא at C1.1:98 and the pl. pronoun at ib.170 מִנְשָׂא רִגְלָהֶם 'it is not in man's power to raise his (lit. their) leg' seem to point to the implicitly plural force of the word.

i) גִּבֵּר, apart from its use as appellative "man, male," is also used in a way similar to the impersonal אִישׁ: "I or my children, or descendants of mine, or another person (וְגִבֵּר אֲחֵרָה) B2.7:8; "... against son or daughter of yours, brother or sister, woman or man of yours, or a person (... אִישׁ לָכֶם אוֹ גִּבֵּר זֶי) to whom you sell that house ..." B2.10:11. Although we lack cases where the persons involved are all women, גִּבֵּר in these cases, like אִישׁ, had become a gender-inclusive term, as can be gathered from a case such as גִּבֵּר אֲחֵרָה אִמִּי וְאָבִי אֶחָד וְאִשָּׁה אֲחֵרָה 'another person, (whether) my mother or my father, a brother or sister or another man' B3.5:19.

גִּבֵּר in the singular, on its own, and with a negative, is not used in the sense of "nobody."⁷⁸⁵

j) Like Heb. דָּבָר, the Aram. מְלָה is empty of its original meaning in a case like מָה צְבוּ וּמְלָה זִי צָחָא חוֹר יִבְעָה ... כֹּזִי מְלָה 'whatever wish and thing Seha (and) Hor shall seek ... so that they shall not find any bad thing' A4.3:6.

⁷⁸⁵ As against Leander 1928:37 [ב] גִּבֵּר לֹא 'a man of no sense' C1.1:82 obviously does not belong here.

PART THREE

MORPHOSYNTAX

SECTION B

THE NOUN AND THE ADJECTIVE

§ 45. Gender

a) The noun distinguishes two genders, namely masculine and feminine. This is primarily a grammatical category, since, at least at synchronic level, the gender of the majority of nouns cannot be explained in terms of the sex distinction in the natural world. Thus one fails to see why **אֵלֶף** 'boat,' for instance, should be a feminine noun.

b) Only rarely does one observe a morphological opposition corresponding to that in the natural world:

	MALE	FEMALE
child	בֵּר ⁽⁷⁸⁶⁾	בִּרָה
child of same parents	אָח	אָחָה
person having control	מֶרֶא	מֶרְאָה ⁽⁷⁸⁷⁾
servitor of god	לֹחֵן	לֹחֶנָה
god	אֱלֹה	אֱלֹהָה ⁽⁷⁸⁸⁾

There are also cases of lexical opposition:

parent	אָב	אִם
spouse	בַּעַל	אִנְתָּה
servant	עַבַּד	אִמָּה
donkey	חֲמֹר	חֲמֹרָה ⁽⁷⁸⁹⁾

⁷⁸⁶ At B3.7:3 the word (**בֵּר** 'my child') refers to a woman.

⁷⁸⁷ E.g., **אֵל מֶרְאָחִי** 'to my mistress' A3.7:1.

⁷⁸⁸ E.g., **אֱלֹהֶת** 'the goddess' B8.12:7.

⁷⁸⁹ E.g., **חֲמֹרָה** 'the she-ass' B7.3:4.

c) The principal significance of gender as a grammatical category lies in the fact that it determines the choice of one of two morphologically distinct forms which by themselves have nothing whatsoever to do with sex distinction. Such choice must be made with respect to 1) the adjective whose logical subject a given noun is, 2) the demonstrative pronoun which expands the noun attributively or refers to it, 3) the numeral added to the noun to indicate how many units of the entity denoted by the noun are being talked about, 4) the verb whose subject the noun constitutes, and 5) the pronoun, whether disjunctive or conjunctive, referring to the sex-neutral entity. This feature is traditionally termed congruence, concord or agreement.⁽⁷⁹⁰⁾ To illustrate:

- 1) Adjective—ספר חכם 'wise scribe' C1.1:35
- 2) Demonstrative pronoun—מומאה דכי 'that oath' B2.8:9
- 3) Numeral—אמן חמשה 'five cubits' A6.2:14; אלה חדא 'one boat' A3.10:2; תרחין מלן 'two things' C1.1:187
- 4) Verb—משאה ידי 'my hand reaches' (fs.ptc.) A2.4:4
- 5) Pronoun—מלה הי צנפר 'a bird is a word' C1.1:82; עליה 'concerning it' (referring to ארקה 'the land') B2.3:24; החסנה 'Take possession of it' (ref. to ספרא 'the document') B2.3:26.

d) The name of a land or country is treated as feminine: אהיקר אבוי זי אחר כלל 'Ahiqar the father of the whole of Assyria' C1.1:55⁽⁷⁹¹⁾; על עשתה ומלוהי הות אחר כלל 'on his counsel and his words Assyria was entirely (dependent)' C1.1:43, and perhaps במצרין בתחתיתא 'Lower Egypt' A6.10:11.

e) A general notion under discussion, but not named by a specific lexeme and referred to by a generic pronoun, "it," is also treated as feminine: שנאה הי 'it is hatred' B3.8:34, similarly ib.40. But the f. form here may be conditioned by the same gender of the predicate שנאה; cf. בבא זילך 'to the west of it it is your gate' B3.11:4.⁽⁷⁹²⁾

f) Where an adjective is used as a primary⁽⁷⁹³⁾, its gender is determined by the natural sex of the referent when it is animate, thus masculine אל תהרכב חטך לצדיק 'Do not mount your arrow at

⁷⁹⁰ See further below § 76 on this question.

⁷⁹¹ An example mentioned by Degen (1979:42). אבוי = אבוי is unlikely here: our copy of Ahiqar does not have such a case (§ 12 f).

⁷⁹² Cf. Grelot 1972:248: "à l'occident par rapport à elle, c'est ta porte."

⁷⁹³ To use Jespersen's terminology: see Jespersen 1937:109f. This is also known as substantivisation of adjectives.

a righteous person' C1.1:126. The masculine gender may be used generically: '[a city of] wicked people will be split on a day of wind' C1.1:104.

However, where the referent is inanimate, a matter, state of affairs in particular, the feminine form occurs: הן נפקה טבה מן פם ... 'if something good comes out from the mouth of ...' C1.1:171; הן לחיה תנפק מן פמהם 'if something bad comes out from their mouth' ib.172; יעבר לחיה 'does the bad' ib.134; נמן ביותי נפקת 'my misfortune came out from my house[hold]' ib.139. The feminine form seems to indicate a concrete instance or manifestation of a given generic property, which latter is indicated by a masculine form⁷⁹⁴: contrast זי בעו באיש לאגורא וך 'who sought evil to that temple' A4.7:17 with זא באישתא עבד לן 'this evil was done to us' ib. Thus לא עבר לך C1.1:50 should be interpreted in the sense that the king did not cause him the harm which could have befallen him rather than that he did not do Ahiqar any harm at all.

Masculine—מנך 'Do not covet something great which is denied you' C1.1:136; ישמון טב בחנכה למאמר 'they will put something good in his palate to say' ib.163; cf. כונה 'as follows' B2.11:4,6; על זנה 'concerning this matter' A3.3:4; לקבל 'according to that which we are saying' A4.5:10.

§ 46. State

a) A noun is used in the *absolute* state when it refers to an entity which is contextually indeterminate. E.g. למשלח חיל 'to send a force' A1.1:7; לא הוה ארק לדרגמן 'it was not a land of Dargamana' B2.2:7; איתי ארק בי 1 זילי מערב לביחא זילך 'there is a land (with) 1 house of mine to the west of your house' B2.4:3.

b) The use of the absolute state is the rule with cardinal numerals: e.g. הן יהוה באחר חד יתיר מן יום חד 'if he be in one place more than one day' A6.9:6; איחי לי אלף חדה 'I have one boat' A3.10:2; אמן חמשה פשכן חלחה 'five cubits (and) three handbreadths' A6.2:14; כרשן מאה 'hundred karsh' A6.2:17; נחש ופרזל מאזין 'two hundred bronze and iron nails' ib.12.

c) The numeral for "one" may be used in the manner of the English indefinite article: שור חד בנון 'they buil[t] a wall' A4.5:5. The cipher for "one" may be used in the same way with the same meaning: see § 67 b.

d) כל in the sense of "every, each" is very often followed by a singular noun in the st.abs.: 'I am

⁷⁹⁴ Cp. the category of unit noun, always of feminine gender, in Arabic.

withdrawn from every suit or process' B2.8:11; 'all the time' A3.6:1 et passim.⁽⁷⁹⁵⁾ Note also the unspecific plural in כל 'all garments of wool and linen' B3.8:13.

e) Repetition of a noun in the st.abs. has *distributive* force, usually prefixed by a preposition either once or twice: זן זן נירח 'each kind, [mo]nth by month' A6.1:3; יום ליום 'day by day' A6.9:3⁽⁷⁹⁶⁾; לגבר ... לגבר לגבר 'Give ... each person' A6.9:4; לגבר 'each person, barley' B4.4:7; 'I shall repay it to you month by month' B4.2:5; יהיה רבה עלי ירח 'it will be adding interest on me from month to month' ib.9; "these are the names of (soldiers of) the Jewish force who gave silver to YHW the God, each person two shekels (לגבר ... יחב) C3.15:1, which last case shows that the preposition ל in the above-quoted B4.4:7 does not have to be the marker of an indirect object, which holds also for A6.9:4, again quoted above: 'Give Cilician persons rations ... each person one handful of flour per day.' Cf. also מן מדינה עד מדינה 'each officer in turn ... from province to province' A6.9:5.

In the following cases, גבר and איש are used distributively without being repeated: גבר חלקה נהחסן 'we shall take hereditary possession, (each) person (of) his portion' B2.11:14 and הויה 'I was supporting you as a man in relation with his brother' C1.1:48.

f) A predicative adjective appears in the st.abs.: חדה ושריר 'Be happy and strong' A4.7:3, but with a mixture of the states in חיה חדה ושרירא מראי יהוי 'May my lord be living, happy and strong' A5.3:2.

fa) A classifying noun predicate also favours the st.abs.^(796a): Vidranga, who was Chief here' A4.5:4, A4.7:5 and לוידרנג פרחרכא זי תנה הוה 'to V. the Chief, who was here' A4.8:5 (with פ as title); נפין ברה זי רבחיל הוה 'Naphaina his son, who was troop commander' A4.7:7; אבוק [זן] 'your father, wh[o] was king [before you]' C1.1:15. Note also 'I will tell you the counsel [of mine] and it is good counsel' C1.1:57.

⁷⁹⁵ See § 69 *a* above.

⁷⁹⁶ Cp. ליומא 'per day' A6.9:3,5.

^{796a} To say with Tsereteli (1991:1573) "A noun can have a predicative meaning only in the indefinite state (status absolutus)" is oversimplifying. There is no lack of counter-examples: e.g., 'she is my wife and I am her husband' B3.3:3; 'Isn't H. my brother?' A2.3:8.

fb) What one may call "generic" belongs here⁽⁷⁹⁷⁾, a use quite common in the proverbs of Ahīqar: אל תכסה מלך מלך 'Do not conceal the word of a king!' C1.1:84; מלך כרחמן 'a king is a merciful one' ib.91⁽⁷⁹⁸⁾; שפיר מלך למחזה כשמש 'Beautiful is a king to look at like Shamash' ib.92⁽⁷⁹⁹⁾; אל תהרכב חטך לצדיק 'Do not mount your arrow at a righteous (person)!' ib.126⁽⁸⁰⁰⁾; מה חסין הו 'What is stronger than a braying ass?' ib.174; אל עזר 'Do not spare your son from a rod!' ib.176; עזר מלחם 'Mightier is ambush of mouth than ambush of battle' ib.83. But when such a noun is qualified by a relative pronoun, it appears in the st.det.: .. יתאלף 'the son who will be disciplined ..' ib.175.

g) Occasionally one finds a st.abs. form for the expected st.det. form: בית אם דילכי 'the house is moreover yours' B2.7:11⁽⁸⁰¹⁾; אגורא זי יהה אלה 'the temple of YHW the God' ib.14.⁽⁸⁰²⁾ In the standing expressions מערב שמש 'west' B2.2:9+, שמש 'east' B2.3:6+, and מדנח שמש 'dit.' B3.7:7 the st.abs. is striking, as they refer to the unique entity. So are the single-word names of the points of the compass: מן מועא למערב 'from east to west' B2.3:4+, and מן עליה לחחתא 'from above to below' B3.12:16+.⁽⁸⁰³⁾ This is possibly an archaism preserved from a period when the st.det. was less commonly used. In מערב שמשא A4.1:7 the meaning is different: 'the sunset.'

ga) Some odd examples of the st.abs. for the expected det. are: למדינא 'of (the) province' A4.2:6, בקריה 'in (the) town'

⁷⁹⁷ See below, § j. Cf. Joüon 1934:8. For a general discussion of "generic," see Jespersen 1924:203f.

⁷⁹⁸ With a so-called Kaph veritatis, nowadays called "asseverative" or "emphatic" (§ 87 f).

⁷⁹⁹ Porten - Yardeni's "the king" is apparently because they believe that this proverb is a sequel to the preceding line with "a king," though there is no compelling reason to think so. In the proverbs of Ahīqar the word מלך always occurs in the st.abs., while in the narrative section its st.abs. occurs only once (see above, § fa) and otherwise only in the phrase מלך אחור 'the king of Assyria.'

⁸⁰⁰ Cp. the use of the st. det. of the adjective רשיעא and עזירא mentioned below, § l.

⁸⁰¹ A haplography for ... ביחא אם? Cf. ביחא זילך אם (with the same sense) B3.4:16,19.

⁸⁰² These may be mere scribal errors; this document contains a couple of more errors: ספ (= ספרא) 12; בב (= דבב) 10.

⁸⁰³ Cf. Fitzmyer 1956:106f.

B1.1:3.⁽⁸⁰⁴⁾

h) A feminine singular adjective ending with a Taw appears to be used adverbially. The usage may be legacy from an earlier period when the fem. sg. status absolutus was adverbially used.⁽⁸⁰⁵⁾ Examples are: גנבית עבדן (= ?גנבית) 'behave thievishly' A4.2:5; למנתן רחמת לאחרנן 'to give to others affectionately' B2.4:6⁽⁸⁰⁶⁾, sim. B3.12:23,26 (// בכסף 'for silver'), 31; אמרן לה מצרית ן 'they call it in Egyptian [...]' B3.7:5, cf. B3.10:4; ארמית כונה 'in Aramaic as follows' B2.11:4,6.⁽⁸⁰⁷⁾ גסח 'harshly' A6.8:3, A6.10:9 and המונית 'in concert' A4.5:4, A4.7:5 are considered Persian loanwords.⁽⁸⁰⁸⁾

i) A noun in the *determinate* state is frequently used with *anaphoric* force whereby an entity introduced for the first time with a noun in the abs. state is subsequently referred to in the det. state: כסף צרף ... כספא זי כתיב מן עלא 'pure silver ... the silver that is mentioned above' B2.1:7; לחן זי יהו 'a servitor of YHW' in the opening of a contract introducing the parties B3.11:1, but later לחנא זי יהו ib.17, sim. B3.12:1,33; "there is a well ... (which) does not lack water (מין) to give the garrison drink so that whenever they would be garrisoned (?) (there) they would drink the water (מין) in [th]at well" A4.5:6. The same interpretation might apply to קרבא 'the battle' in קרב ׀למעבד קרבא 'the rebels assembl[ed they went towards Dadarshu] to do battle. Then they did the battle ...' C2.1:11⁽⁸⁰⁹⁾ and sim. ib.22,43,47, but we also find עבדו קרב in a similar context, e.g. ib.15. See also הנדרוא עבדו 'Issue the instruction' A6.14:3 where the author is referring to an instruction that the recipient of the letter had been directed, in an earlier letter, to

⁸⁰⁴ See Fitzmyer 1956:108. בעל טעם 'Chancellor' A6.2:23 probably does not belong here: it is either the predicate of a nominal clause (so TAD A 96) or apposition (Grelot 1972:293), which in this case amounts to the same thing. Alternatively, it is a fossilised, indeclinable title as in Ezr 4.8 ספרא // בעל טעם. In הוקר לבב 'harden (your) heart' C1.1:82 one rather expects לבבך in view of the parallel פמך 'your mouth.'

⁸⁰⁵ For a comparable phenomenon in Classical Syriac, see Muraoka 1987:41.

⁸⁰⁶ Cowley 1923:27 'as a gift'; Grelot 1972:182 'à titre gratuit.'

⁸⁰⁷ Cf. Dn 2.4 ארמית למלך, where the last word may not be part of the introduction in Hebrew to the following Aramaic section, but a secondary gloss in Aramaic. Likewise in Ezr 4.7 מחרגם ארמית.

⁸⁰⁸ On the former, see Driver 1957:50, and on the latter, Schaefer 1930:255f. See Appendix III.

⁸⁰⁹ Greenfield - Porten 1982:29 attempt to relate the distinction to one in the Akkadian text.

issue (A6.13:3,4 where the st.abs. הנדרו occurs), and שור חד בנו 'they built a wall in the centre of the fortress of Elephantine' A4.5:5 as against כנה (= בנה) במציעה בירה יב וכען שורא וך בנה 'now that wall (stands) built ...' ib.6.

j) The use of the st. det. is the rule with a noun phrase expanded by a demonstrative pronoun: יומא זנה 'this day' B3.3:4; ביחא זך 'that house' B3.5:14; בחיא אלה 'these houses' B3.7:14; חקליא אלך 'those fields' B8.10:4. Hence the pronoun in חקליא אלך D2.30:3 is probably not attributive 'those [pr]iests,' but the phrase is to be translated: '[pr]iests, those two of them.'

k) The st. det. is also used when the noun in question refers to an entity which is thought of as determined or definite from the general context: e.g. קדם דריהוש מלכא ובני ביחא 'before Darius the king and the members of the (= his) household' A4.7:2; נפין דבר מצריא עם חילא אחרין 'Naphaina led the Egyptians (= the priests of Khnub [5]?) with the army (= his army, which was under his command: רבחיל הוה [7]) as reinforcements(?)' ib.8. See also ברא לם יהוה לי 'he shall be the son to me,' not 'I shall have a son' C1.1:2.⁽⁸¹⁰⁾ מומאה מטאה in מומאה אדין 'then the oath came' B2.8:4 must be considered equivalent to מומאה דכי ib.9.⁽⁸¹¹⁾

l) A variation on the use just described appears to be the use of the st.det. as reference to a specific, but representative member of a class.⁽⁸¹²⁾ This seems to be rather frequent in Ahiqar's proverbs: e.g. אל יאמר עחירא 'Let the rich not say ..' C1.1:206; הן יאחדן רשיעא 'if a wicked man seizes' ib.107; דגנא וחנטא 'grain and wheat' ib.129; זי ישחא חמרא 'whoever drinks wine' ib.188⁽⁸¹³⁾; אל

⁸¹⁰ Cf. Grelot 1972:433, n. b, Degen 1979:46, and Kottsieper 1991:324, n. 2b. In the lacuna at the end of the line there probably was a mention of Nadin.

⁸¹¹ Grelot (1972:190) renders: "alors le serment t'incombait." Cp. the use of the demonstrative pronoun in colloquial English as in *Then, totally out of the blue, there comes along this chap, wearing a funny hat. It took me a while to figure out who he was.* At B2.2:6, however, we have a case of the usual, anaphoric use of the st. det.: לי מומאה למומא ביהו 'they imposed upon you the oath to me to swear by YHW,' where reference is being made to the oath which Mahseiah had sworn (line 4). מומאה here is in the st.det.: see above at § 18 v (4), n. 157.

⁸¹² See Joüon 1934:8. This is thus to be compared with the "generic" use of the st.abs.: § fb above.

⁸¹³ One may think of the wine served on a specific occasion. Such an example may be: שוקא וי בינין ובין בית פפטעונית מלחא 'the street which is between us and the house of Peftuauneit the boatman [who has not been mentioned before]' B2.1:12.

יעבד 'Do not borrow the heavy loan' ib.130; 'קירחא נמרא פגע—'does the bad' ib.134; often with animal names—'דבא אול על' 'the leopard meets (or: met) the goat' ib.166; 'אריא יהוה מסמה לאילא' 'the bear went to the lambs' ib.168; 'חמרא רכב לאתנא' 'the lion would lie in wait for the stag' ib.183; 'האס מונטד דע זיני' 'the ass mounted the jenny' ib.186. On the striking form ברא in C1.1:2, see above, § *j*.

m) The use of the st.det., however, does not appear to be regulated by rigid rules: cases which appear to fall under either of the above-mentioned two categories—[*k*] and [*l*]⁸¹⁴—are at times contradicted by those in the st.abs. in similar or related contexts. Thus 'מה חסין הוּ מן חמר נער' 'What is stronger than a braying ass?' C1.1:174⁽⁸¹⁴⁾; 'נשאית חלא ושענת מלח' 'I carried sand and loaded salt' ib.159; '[Do not multiply] wealth and do not mislead mind' ib.137 where חילא has been corrected to חיל; 'עמודיא זי אבנא' 'the stone columns' A4.7:9 // 'חרען זי אבן' 'stone gates' ib.10⁽⁸¹⁵⁾; 'כפן יהחלה מררוחא' 'hunger will sweeten bitterness' C1.1:123; 'אל חלונת יומא עד חחוזן ליללה' 'Do not curse day until you see night' ib.80 (not ליליא). In 'וידרגנ זי פרתרך תנה' (ליליא) // 'וידרגנ פרתרכא זי תנה' A4.7:5 // 'Vidranga, who was Chief here' A4.7:5 the use of the st.abs. in the first version might be due to its being predicate.⁽⁸¹⁶⁾

In 'באשה שרפו' 'they burned with fire' A4.8:11 // 'מזרקיא זי זהבא וכסף' A4.7:12; 'מזרקיא זי זהבא חיי כספא' A4.8:11 the scribe of A4.8 is, as in some other details, trying to correct some infelicities in the first draft of the official document.^(816a)

n) In the following cases⁽⁸¹⁷⁾ it is not apparent why the st.det. has been chosen: 'לירחא' 'per month' B4.2:3, usually לירח ib.4; 'הנגית והנבא' 'partner-in-chattel or partner-in-land' B5.5:9; 'הן רשינך דינא' 'should we bring suit against you' B3.6:5+ // 'ירשינך דין' 'he will bring suit against you' B3.12:27.

In 'מנדרתנא' 'he is not bringing me the (due) re[nt](?) at all' A6.14:2 מנדעם is not to be taken as an adjective but as an adverbial quantifier.⁽⁸¹⁸⁾

⁸¹⁴ Because of the modifier נער?

⁸¹⁵ An example mentioned by Joüon (1934:8).

⁸¹⁶ So also 'Naphaina his son, who was troop commander in Syene the fortress' A4.7:7.

^{816a} See Porten (1998?).

⁸¹⁷ See Fitzmyer 1956:110.

⁸¹⁸ See above, § 44 *b* and below, § 67 *e*.

o) Orthographic irregularities or inconsistencies on the one hand⁽⁸¹⁹⁾ and the uncertainty as to the basic form, i.e. sg.abs., on the other, lead to occasional difficulty in the interpretation of what appears to be a form in the st.abs. or st.det. In בִּיתָה כְּלָה 'the entire house' B3.5:20 בִּיתָה is clearly an irregular spelling for בִּיתָה.⁽⁸²⁰⁾ In הֵן יֵהָב לְכִי נִקְיָה 'if you are given a lamb' A2.2:8 the context leads one to expect an indeterminate form. However, should one start from BA with Dn 7.9 כְּעֶמֶר נִקְיָה 'like the wool of a lamb,' נִקְיָה would rather be det. for נִקְיָה. Syr. has /neqya:ʔ/, which is f.det. The gender of the BA word is not to be determined. If נִקְיָה be a fem. form, whether abs. or det., it cannot strictly be the subject of יֵהָב, a m.s. passive participle, but the syntax would be comparable to that of the BH syntax as represented in נִקְיָה לְרִבְקָה אֶחָד־בְּרִי עָשָׂה Gn 27.42 and the like.⁽⁸²¹⁾ In נִכְתָּי חוּיָה 'a (or: the) snake bit me' A2.5:8 the verb can be interpreted as either m. (נִכְתָּי) or f. (נִכְתָּי), depending on the gender of the subject, חוּיָה. The noun occurs in OA once at Sefire I A 31: חוּיָה, which is most likely s.abs. If חוּיָה is to be related to חוּיָה, the latter could not end in /a:ʔ/⁽⁸²²⁾, for otherwise the Yod of our form would remain inexplicable. Cf. also Syr. /hewya:ʔ/, m.det.⁽⁸²³⁾. In TO we find חוּיָה⁽⁸²⁴⁾, which points to /hiwwa:/ as the original st.abs. form.⁽⁸²⁵⁾ All this suggests that the noun is most likely in the st.det.; perhaps the author is referring to a snake known to the recipient of the letter (a pet snake?). Finally, the obscure word שְׁנֵמָה in זִי שְׁנֵמָה 1 '1 new linen shirt (?)' B3.8:11 appears to be a Coptic word: the final Alef is then a mere vowel letter.⁽⁸²⁶⁾

p) The absence of the st. det. ending with not yet completely naturalised loan-words is understandable: חֲפֻמָּה אֶנְחָתָה פְּרִיפָה זִי

⁸¹⁹ We would, however, not to go as far as Joüon (1934:8) in admitting cases of defectively (but not erroneously) spelled st.det. without the usual Aleph (or rarely He): see § 5 e.

⁸²⁰ All four cases of a word-final He considered by Lindenberger (1983:284) as possibly emphatic are doubtful; rightly rejected by Kottsieper 1990:47.

⁸²¹ Cf. Joüon - Muraoka 1993: § 128 b and below at § 76 bb.

⁸²² So Degen 1969:26 and Fitzmyer 1967:48 (/hiwwa:/).

⁸²³ The noun is masculine: Nöldeke 1898: § 79 A.

⁸²⁴ The gemination of the Waw is based on the Taj. It could of course be secondary, introduced to preserve a short, unstressed vowel in the first, open syllable. Hug 1993:145 reconstructs /hewe:/.

⁸²⁵ Hence the OA form might be reconstructed as /hiwwa:/ with the contraction of the diphthong.

⁸²⁶ See below Appendix III, List of Egyptian loan-words.

משלם 'T. his wife, (the) main beloved (?) of M.' B3.12:11; חמי זי 'the way of Khnum the god' B3.4:8.⁽⁸²⁷⁾

q) The state of a construct phrase as a whole is signalled by the last noun, *nomen rectum*. Thus שוק מלכא B3.4:8+ is not about a specific king, but rather about a specific street, 'the king's street' or 'the royal parade.' Likewise אבני מלכא 'the royal weights' ib.6+; ספרי אוצרא 'the treasury scribes' B4.4:12; ספר זבנתא 'the sale document' B3.12:31. Compare also עטה טבה 'good counsel' C1.1:57 with עטתא טבתא ובעל חכימא 'the wise scribe and the master of good counsel' C1.1:42.

§ 47. Number

a) Our idiom knows three numbers: singular, plural, and dual. Adjectives⁽⁸²⁸⁾, pronouns, and verbs, however, do not seem to possess the category of dual.

b) Judging from necessarily incomplete evidence available in spelling variations⁽⁸²⁹⁾, the use of the dual appears to be highly restricted, confined to a small number of nouns denoting objects which go in pairs, all parts of body such as ידין 'hands' (B2.6:8), עינין 'eyes' (C1.1:212), אזנין 'ears' (C1.1:215), and the numerals חרתי/חרתי 'two' (A6.9:3,4) and מאתי 'two hundred' (A6.2:13).

c) Apart from obvious cases where the plural is used to refer to an object which numbers two or more, the use of נשן to refer to a single woman remains enigmatic: e.g. נשן מבטחיה B2.3:2.⁽⁸³⁰⁾ That the form is a plural is evident from the spelling with <y> in נשין תפמת 'lady(?) Tapamet' B3.12:1. But it was not obviously perceived as genuine plural, as indicated by the cipher "1" in נשן 1 גבר 1 '1 man, 1 woman' B3.3:3. It was not a title such as "Mrs" or "Miss," for once it is used without being followed by a name: נשן זי יב בירחא 'a lady of Elephantine the fortress' B3.1:2. Joüon (1934:51f.) argued that it is not a term of mere politeness, but denotes a woman of some juridical standing, thus a kind of plural of dignity or majesty. That it does not indicate by itself a high position in society, however, is evident from its

⁸²⁷ See Folmer 1995:306f. with n. 187. חמא זי חנום אלהא in חמא B3.5:10 is a variant spelling of חמי.

⁸²⁸ Grelot (1972:235) proposes a dual adjective פרסין in פרסין 'a pair of Persian leather shoes' B3.8:20, quoting Aristophanes, *Lys.* 229 τὸ περσικόν.

⁸²⁹ See § 18 *d, g, k, n* and § 21 *a*.

⁸³⁰ Porten - Yardeni 1989:25 "lady Mibtahiah"; Grelot 1972:178 "Dame M."

application to a handmaiden at B3.6:2.⁽⁸³¹⁾

d) There does not seem to exist a sound basis for postulating a special case of the plural of majesty for the word אלה 'god' or Jewish revision of originally pagan texts, proverbs of Ahiqar in particular⁽⁸³²⁾, as has been argued by Joüon (1934:25-29).⁽⁸³³⁾

e) Some nouns are regularly used in the plural, so-called *pluralia tantum*: ברחמן 'with affection' B3.5:12+; דמא 'the price' B3.4:7 and דמוהי 'its price' B3.2:7+; נכסין 'goods, possessions' A4.8:5+, though its synonym קנין is used in the sg.; חומותיה 'its boudaries' B3.12:22+; משחזה 'its measurements' B2.3:4+⁽⁸³⁴⁾; אנפן 'face' C1.1:14+.

f) There are nouns which, though singular in form, refer to an entity consisting of multiple units, so-called *collective nouns*. One such example is גרדא 'domestic staff'⁽⁸³⁵⁾: גרדא ונכסיה זילנא 'our domestic staff and goods' A6.10:1+. Such a collective noun is subsequently referred to by means of a plural pronominal morpheme: e.g. מה זי לקחת נכסין מן גרדא החב הב לדם 'what you took (in) goods from the domestic staff, restore, give to *them*' A6.15:9. Precisely for this reason, we, *pace* Driver (1957:83), would prefer to interpret מנה in מנה לקח נכסין 'he took goods from ?' A6.15:9 as /minnah/ 'from her,' i.e. 'from my ladyship' rather than /minne:h/ = מן גרדא. See also ונה שמהח חילא יהודיא 'these are the names of the Jewish troop' C3.15:1; חילא זילי למרדןיא [קנשלו] 'my troops killed the rebels' C2.1:16; חילא זך מרדא 'that rebel army' or 'that army the rebels' ib.19.

The word אנשא is somewhat problematic. Let us first note that it occurs, including partially restored cases, 9 times (C1.1:98, 103, 125, 151, 164, 170, 171, 172, 184) in the proverbs of Ahiqar, and always in the st.det., whilst elsewhere it occurs another four times, and then always in the st.abs. In the proverbs אנשא does not appear to refer to a specific individual or group of specific individuals, but rather to 'men, people in general.' In one such case, it seems to be in contrast to איש, which is, in our corpus,

⁸³¹ See also below at § 76 *cf.*

Cowley's (1923:24) tentative 'spinster' has now been disproved by B3.6:2 where the word is applied to a mother, though a slave.

⁸³² We are referring to אלה at C1.1:79, 96, 128, 135, 163, 172.

⁸³³ See Lindenberger 1982. See also on agreement/disagreement at § 76 *ch.* n. 18.

⁸³⁴ Not sg.: see § 18 *o.*

⁸³⁵ See Driver 1957:63.

used as an indefinite pronoun, 'someone, anyone,'⁽⁸³⁶⁾ and it never occurs in the st.det. or in the plural: *שמהחם לא ידע איש הא כן אנשא* 'no one knows their names. Behold thus no one knows people' C1.1:164. Cf. *לא בידי אנשא מנשא רגלהם* 'it is not in the hands of people to raise *their* leg' C1.1:170. By contrast, the indefinite *אנש* appears always next to a singular noun in the st.abs.: *בר וברה לי אח ואחה לי ואנש זילי* 'son or daughter of mine, brother or sister of mine or an individual of mine' B2.11:8; *לבר וברה ליך ולאנש זילך* 'against son or daughter of yours or someone of yours' ib.9. In B3.9 it appears alongside *איש לי*: *אנא וברה לי איש ואנש אחרן* 'I, or son or daughter of mine, or man of mine, or another individual' B3.9:5, which follows *אנא וברה לי* 'I Uriah, or son or daughter of mine, brother or sister of mine, or man of mine' ib.4, and cf. *אנש לא שליט* 'no one has right' ib.8, where *איש* would be just as good.⁽⁸³⁷⁾ Let us also note that the indefinite *אנש* is treated as singular, agreeing with *שליט* and *אחרן*.

§ 48. Adjective

a) Adjectives normally constitute a secondary word-class in relation to nouns, to which they are subordinate as either α) attributives or β) predicates⁽⁸³⁸⁾: α) *מאן טב* 'good vessel' C1.1:93; *ספרא חכימא* 'the wise scribe' ib.42; *ליומן אחרנן שגיאן* 'after many more days' ib.49; *מא קשיא* 'the rough waters' B2.2:11; *מלה באישה* 'bad word' A4.3:6; *עמחא טבחה* 'the good counsel' C1.1:42; *ענין טבן* 'good eyes' ib.157; β) *הן עליך כוח טב* 'if it be thus good on you [= if this be acceptable to you]' A6.7:8; *איש שפיר מדדה ולבבה טב* 'a man whose stature is beautiful and whose heart is good' C1.1:95; *אנא צדיק בהם* 'I am entitled to them' B5.6:8.

b) Attributive adjectives may be substantivised, namely their head nouns may be understood. In some cases the elided noun is reasonably obvious, and the adjective shows agreement with it with respect to gender, number, and state: *קריב ורחיק* 'near and far (person *איש*)' B2.1:9 et passim; *אל תהרכב חטך לצדיק* 'Do not mount your arrow against a righteous (man *איש*)' C1.1:126; *הן יאחזן רשיעא בכנפי לבשך* 'if the wicked (man *גברא*) takes hold of the

⁸³⁶ Cf. §§ 17 and 44.

⁸³⁷ Cf. *גבר אחרן אמי ואבי אח ואחה ואיש אחרן לא ישלט* 'another person, my mother or my father, brother or sister, or another person shall have no right' B3.5:19, where we find *איש אחרן* substituting *איש* and *גבר* in use as a synonym of *איש* or *אנש*. See Porten - Szubin 1987:58.

⁸³⁸ Adjectives are secondaries in Jespersen's (1924:96) ranks of word-classes.

corners of your garment' C1.1:107; שׁוּבָךְ מִן קַטֹּל זֶכִּי 'he saved you from the murder of an innocent (one)' C1.1:46⁽⁸³⁹⁾; בַּעֲלִיתָא וְחַחְתִּיתָא 'in the Upper and Lower (Egypt)' A6.7:6⁽⁸⁴⁰⁾.

c) However, there are cases of virtual lexicalisation where the speaker or writer was probably not conscious of any elided noun: ... וְכָל גְּבָרִין זִי בַעוּ בְּאִישׁ לְאַגּוּרָא זֶךְ 'and all persons who sought evil for that temple' A4.7:16⁽⁸⁴¹⁾; זֶה בְּאִישְׁתָּא 'this evil (deed)' ib.17⁽⁸⁴²⁾; ... הֵן נִפְקָה טְבָה מִן פִּם 'if (something) good comes out from the mouth of ...' C1.1:171; הֵן לַחִיָּה תִנְפֵּק מִן [פִּם] פִּמָּהּ 'if (something) bad comes out from their mouth' ib.172; יַעֲבֵד לַחִיָּתָא 'does the bad (thing)' ib.134; [מִן בֵּיתִי] נִפְקָה לַחִיָּתִי 'my misfortune originated in my household' ib.139; אַל תִּרְגַּג לְכַבִּיר זִי יִמְנַע מִנֶּךָ 'Do not covet a large (thing) which is denied you' ib.136. All these examples refer to things, rather than persons. But gentilicia, also frequently substantivised and, by definition, refer to persons: אַרְמֵי זִי סוּן 'an Aramaean of Syene' B2.1:2; אַרְמֵי זִי סוּן 'Aramaean of Syene' B2.11:2 and many others.

d) Adjectives (and adverbs) have no morpheme for the comparative and superlative degrees, though the term mentioned as a yardstick is preceded by the preposition מִן: e.g. מַה חֲסִין הוּא מִן 'what is stronger than a braying ass?' C1.1:174; לְצַדִּיק מִנֶּךָ 'at one more righteous than you' ib.128; יִתִּיר מִן זִי כַעַן 'more than now' A4.7:3⁽⁸⁴³⁾; ... מִן גְּבָרִין זִי ... צְדָקָה יִהְיֶה לֶךָ 'it will be counted as a merit for you .. more than for any person who ..' A4.7:27.

e) Adjectives in turn may be further qualified by adverbs, which are thus tertiaries: אֵנָה חֲמַם שְׁגִיָּא 'I am very hot' D7.17:4; עֲטָה טְבָה הִי [שְׁגִיָּא] 'it is very good counsel' C1.1:57.

An adjective, probably in the st. cst., may be followed by a noun specifying in what respect the property indicated by the adjective applies: e.g., עוֹר עֵינִין 'blind of eyes' C1.1:212. See § 48 i.

f) Adjectives may function as tertiaries, namely as adverbials: for details, see above at § 22 b.

⁸³⁹ Cf. Joüon 1934:84.

⁸⁴⁰ Cf. בְּמִצְרַיִם בַּחֲחִיתָא 'in Lower Egypt' A6.10:11.

⁸⁴¹ Cf. כּוּי אִישׁ מִנְרַעַם בְּאִישׁ לֹא יַעֲבֵד 'so that nobody would do anything evil' A6.7:8.

⁸⁴² On the distinction of gender here, see § 45 f.

⁸⁴³ On the use of זִי here, note an analogous structure in Syriac: Muraoka 1997b: § 100.

PART THREE

MORPHOSYNTAX

SECTION C

THE VERB

§ 49. Binyanim

a) It makes some sense to examine the function of binyanim in terms of the opposition between the unmarked, basic binyan, G or Peal, and the marked, "derived" ones, namely D or Pael, H/A or Hafel/Afel, and the *t*-prefixed one of each of the three, namely tG or Ithpeel, tD or Ithpaal, tH/A or Ittaphal.⁽⁸⁴⁴⁾ Such an approach is justified even for verbs which may never have been used in G. Partly due to the limited scope of our corpus, many verbs are attested only in one binyan. In addition, the unvowelled writing system of our texts does not always allow us to assign a given form of a verb to one of the six patterns with certainty, for which task we often draw on analogy of cognate dialects. It is particularly difficult to tell a tG from a tD except in Ayin-Waw/Yod verbs.⁽⁸⁴⁵⁾

Another general observation to be made is that we sometimes come across verb forms which are assuredly to be assigned to different binyanim with different meanings, but a semantic link between them escapes us, so that they are virtually two or more distinct lexemes. An example of this is the root $\sqrt{\text{מנ}}$: G impv. מנו 'Count!' A4.1:3 // D pf. מני 'he appointed' C1.1:37. So also $\sqrt{\text{שד}}$: D pf. 3ms שדר 'he sent' C1.1:101 // tD(?) pf. 3mp אשדדרו 'they

⁸⁴⁴ The internal passive patterns are considered here as subcategories of three of the six patterns, to wit Peil = passive of Peal, Pual = passive of Pael, Hofal = passive of Hafel.

⁸⁴⁵ Thus it is not clear on what ground a concordance produced by the Comprehensive Aramaic Lexicon project distinguishes between tG and tD of $\sqrt{\text{נצח}}$. Again, Joüon (1934:54f.) argues strongly that שאל in the frequent collocation שלם שאל is not Peal, but Afel, though it is strange that not a single instance of Hafel is to be found in our corpus.

intervened, interceded' A4.3:4.

b) There are a large number of non-G verbs the precise function of whose binyan is hardly definable. Examples are: D $\sqrt{\text{ברך}}$ ⁽⁸⁴⁶⁾—ברכנך 'we blessed you' A2.5:1; D $\sqrt{\text{חבל}}$ ⁽⁸⁴⁷⁾—חבלך 'he harmed you' C1.1:44; D $\sqrt{\text{חוי}}$ ⁽⁸⁴⁸⁾—חוי אפיכי 'May he show me your face' A2.6:2; D $\sqrt{\text{מלל}}$ ⁽⁸⁴⁹⁾—לא מלל 'he did not speak' B8.8:8; D $\sqrt{\text{שלם}}$ —אזהה משלם 'I shall be paying' B4.2:7⁽⁸⁵⁰⁾; H $\sqrt{\text{שכח}}$ —השכחו 'they found' A4.3:4

c) The semantic connection between some non-G verbs to their G counterpart is quite obvious, though we are not able to put our finger on the precise nature of the connection: e.g. G בנה 'to build' // D מביי בי חחתי 'Renovated, a lower house' B3.10:12; G כתב 'to write' // D עלימחה מכתבה על שמה 'his lass (is) marked under his name' D7.9:6; G לבש 'to wear' // D הי מלבש אנה 'I am wearing it' A2.1:6; G(?) עשחת לכי 'I took thought of you' B3.6:3 // tG (or tD) לי יחעשת 'Let him take thought of me!' A6.11:3; G שלח 'to send' // D משלחה 'one who sends it away' or 'sent away' (pass.f.ptc.)⁽⁸⁵¹⁾; G of $\sqrt{\text{יבל}}$ —בלני 'Bring me!' C1.1:52 // H היבלו 'they brought' C3.28:56.

d) Amongst the non-G binyanim it is sometimes difficult to draw a line between two of them. Hardly any semantic opposition can be established between D and H of: $\sqrt{\text{חוי}}$ —חוינא בוידרג 'he let us gloat over Vidranga' A4.8:15 // החוין בוידרג 'ditto' A4.7:16; $\sqrt{\text{קרב}}$ —קרבך קדם סנחאריב 'I presented you before Sennacherib' C1.1:50 // H יהקרב קדמך '(whom) he will present before you' A6.3:7.⁽⁸⁵²⁾

e) Where a verb in G indicates a state or quality, its D-transform denotes that its subject confers such a quality on its

⁸⁴⁶ The identification as D depends on our knowledge of cognate dialects. This verb is used in G only as a passive participle as in Heb.: ברך אנת 'you are blessed' A3.3:2.

⁸⁴⁷ The identification as D depends on our knowledge of cognate dialects.

⁸⁴⁸ The identification as D depends on our knowledge of cognate dialects.

⁸⁴⁹ The identification as D depends on our knowledge of cognate dialects.

⁸⁵⁰ Originally perhaps factitive.

⁸⁵¹ Cf. a similar nuance of BH D $\sqrt{\text{שלח}}$ as against G $\sqrt{\text{שלח}}$.

⁸⁵² A telling example to show how thin the line is between the two binyanim is יקרבון 'they will offer' A4.7:25 where the scribe has erased a ה between the י and the ק, and an alternative version of the same document has נקרב 'we shall offer' A4.8:25, and a related document has יקרבון A4.9:9. All the three documents are dated to 407 BCE.

grammatical object or brings the latter into such a state. Such a D is *factitive* in that sense. Examples are: G אריא אזל קרב 'a lion went (and) came near' C1.1:94 // D קרבתיך קדם סנחאריב 'I brought you near to Sennacherib' C1.1:50; G אחוב 'I shall be obligated' B3.5:14 // D חיבוני 'they obligated me' B8.6:10; D חכם לברה 'instructed his son' C1.1:1; D מיצב D pass.ptc.(?) 'validated' B3.10:22⁽⁸⁵³⁾; G עם מן אצדק 'with whom shall I be found innocent (צדיק)?' B3.10:22 // D מן אפו צדקי 'who then would find me innocent?, who would then acquit me?' C1.1:140. In one case, a D verb indicates a change of direction of movement: G ביתן זי זבן בכסף 'our house, which we bought with silver' B3.12:3 // D ביתא זבן לך 'the house which we sold and gave to you' ib.6.

In אנה מהלך 'I walk' C1.1:40 we apparently have a D verb, though the root was most likely not in use in G, for which a related root הוך is in use: e.g. יהכון 'they will go' B3.1:19, exactly as in BA.

f) Most H or A verbs are *causative* in function in relation to their G forms. Thus G זי אחה 'who is coming' A2.5:6 // H לא מהיתין 'they are not bringing' A6.13:2; G למסלק ומנחת 'to ascend and descend' B3.10:15 // A אחה למחתה 'coming to bring down' A2.5:6; G ינפק 'he will come out' D7.10:7 // H ינפק 'he will bring out' A6.13:3; G נשק באשה 'catching fire' C1.1:221 // H אל תהנשק 'Do not allow (it) to kindle' ib.87; G עלו באגורא 'they broke into the temple' A4.7:9 // H כל זי הנעלה 'all that she brought in' B2.6:24; G יקום ענני 'Anani will stand up' B3.3:7 // H הקימי 'Establish me!' C1.1:109; G רכבי ססין 'those who mount horses' C2.1:44 // H הרכבת חטך 'you mounted (= aimed) your arrow' C1.1:128; G אחוב 'I shall turn back' B7.1:5 // H חב 'Return everything!' A6.15:7; G אל חלי 'Do not be sweet!' C1.1:143 // H יהחלה מררותא כפן 'hunger will sweeten bitterness' ib.123.

Some obviously H verbs are not attested in G: e.g. גנן—גנן 'they will protect' A4.5:23; גשש ביחי—גשש 'he spied out my house' C1.1:139; חוין—חוין 'he showed us' A6.2:7⁽⁸⁵⁴⁾; חסן—חסן 'Take it in hereditary possession!' B2.3:26⁽⁸⁵⁵⁾; ישר—ישר 'Dispatch!' D7.26:5.

g) To distinguish between three different *t-binyanim*, es-

⁸⁵³ Cf. BA Dn 7.19 ליצבא D inf., denominative of יצב.

⁸⁵⁴ The root is also attested in D (see above [d]). למחורה is likely an error for למחור (a D or A infinitive) at למחור 'I sent to him to explain' D7.24:16.

⁸⁵⁵ On the semantic link between this verb and the adjective חסן 'strong,' cp. Heb. חזק and החזיק.

pecially between tG and tD, can be problematic. For a reasonably certain classification, see above, § 29.

With the likely exception of H השכח 'to find' vs. tG אשחכח 'was found,' a morphological relationship between a t-form and the corresponding non-t form appears to correspond to a semantic one: thus G vs. tG, D vs. tD, and H vs. tH. In the majority of cases, a t-form is a *passive* counterpart of the underlying non-t form. This applies to the tG of אָחַד 'to seize,' בָּנָה 'to build,' נָבֵה 'to collect,' יָהַב 'to give,' לָקַח 'to take,' נָגַד 'to draw up,' נָתַן 'to give,' עָבַד 'to do, make,' קָטַל 'to kill,' שָׂם 'to put,' שָׁבַק 'to abandon,' שָׁלַח 'to send.' In some other G verbs, their t-form denotes an *inchoative* or *ingressive* aspect, namely some new state sets in or the subject takes on a certain property or character: e.g., אָחַזְכַּשׁ 'to come together' (C2.1:11+), אָחַזְמַלָּא 'to become full' (B3.1:11+), אָשַׁתְּאָר 'to remain' (B3.12:6), אָשְׁתָּוִי 'to become equal, to reach an agreement' (B2.11:2), אָשְׁתָּמַע 'to become obedient' (B3.8:42+), and perhaps אָחַזְוִי 'to become visible' (C1.1:90). אָחַזְנִשֵּׁר 'to guard oneself' (C1.1:96) and possibly אָחַזְדָּר 'to watch out' (A4.1:5) are rare *reflexive* t-forms. אֵל תִּתְאַשֵּׁר in אֵל תִּתְאַשֵּׁר 'Do not get distraught!')(?) A3.3:7 is obscure.⁽⁸⁵⁶⁾

The same holds for the following tD verbs: אָחַזְאֵלִי 'to be taught' (C1.1:175)⁽⁸⁵⁷⁾, אָחַזְכָּסִי 'to be concealed (< to be covered)' (A4.3:11), אָחַזְתָּבֵל 'to be supported' (C1.1:73). The difficult אָחַזְדָּר (A4.3:4) has been mentioned above at § a.

אָחַזְסָף 'to be added' C3.11:8 and אָחַזְעָרִי 'was removed' A6.6:3 appear to be a passive transform of their respective Afel form.

§ 50. Tenses

a) Our basic assumption is that the distinction between the perfect and the imperfect, the latter excluding the jussive and the energetic, is essentially that of tense: the former indicates an action already undertaken or a state which once prevailed, thus preterital, and the latter an action yet to be undertaken or a state which will, may or should prevail, thus roughly future.⁽⁸⁵⁸⁾

⁸⁵⁶ For a semantic development from אָשַׁךְ 'to pour (out),' cf. συγχέω 'to throw into confusion; to disturb composure or temper of': see Muraoka 1993b:220. Fitzmyer's (1962:20) "Do not dissipate" is unlikely. The related Syr. root always takes an inanimate entity as its object. Gibson's (1975:146) "Do not be troubled" is an improvement.

⁸⁵⁷ The active D-form does not occur in our corpus.

⁸⁵⁸ The question regarding the conditional clause will be looked at separately: § 84. The use of the suffix conjugation in a hypothetical protasis means that,

b) Our idiom shares a universal Semitic feature whereby, unlike in many modern Indo-European languages, the preterite tense of the principal verb does not automatically cause a change in the tense of a verb in a subordinate clause as in: *He said she was being obstinate* < *He said, "She is being obstinate."* Thus ימאת לה כז זילי הי 'I swore to him that it *was* mine' B2.3:24.⁽⁸⁵⁹⁾

§ 51. Perfect or suffix conjugation

a) Our idiom is not sensitive to a distinction which is essential and meaningful to English, for instance, between "he did" (the simple past), "he has done" (the present perfect), "he had done" (the past perfect), and "he will have done" (the future perfect). Excepting a sparingly used syntagm illustrated by שמייע לן 'we have heard' (§ 54 c), one sc. form עבד does duty for all four. It is often difficult, even when the text is reasonably well preserved, to make a confident decision as to which is meant. Thus משרתי כלה (A2.1:4) may be rendered in either of the first three ways, not just 'the tunic which you sent me has reached me and I have found it completely frayed(?)' as translated in *TAD A.*⁽⁸⁶⁰⁾ Examples are: *simple past*—זי רבחיל הוה 'who was commander' A4.7:7; אתו לבירת יב 'they came to the fortress of Elephantine' ib.8; *past perfect*—זי אבהין בנו אנורא זך 'our forefathers had built that temple' ib.13; *future perfect*—כל נכסין זי קנה אבדו 'all possessions which he had acquired perished' ib.16; *future perfect*—והן מאתה 'as we shall have been doing' B3.6:12⁽⁸⁶¹⁾; וזן מלחמה 'should I die, and (by then) I have not yet paid and given you your silver' B3.13:8; עבדתה זי אתה 'the work which you will have undertaken' B2.4:10; בנא זי אתה 'the rebuilding which you will have executed' ib.12.

b) *Performative perfect*⁽⁸⁶²⁾

Uttering a verb in the perfect tense may be like performing it or acting it out. This is very frequent in stereotyped greeting formulas such as: שלם ושררת שניא הושרת לך 'I (hereby) send you

in the speaker's *perception*, the action in question has already taken place or the state in question has already become a reality.

⁸⁵⁹ Thus, if כז introduce an indirect speech in הוה B2.2:7, the clause would need to be translated 'it had (never) been': see § 85 a.

⁸⁶⁰ Cf. also קבלח B2.2:5—"I lodged a complaint" (Cowley 1923:16), "I complained" (*TAD B*, p. 21), "ik .. een klacht heb ingediend" (Wagenaar 1928:51), but "j'avais porté plainte" (Joüon 1934:23 and Grelot 1972:175).

⁸⁶¹ See on the periphrastic construction, see § 55 g.

⁸⁶² Kutscher (1971:111) speaks of "Koincidenzfall."

abundant welfare and strength' A6.3:1+; also שלמכן שלחת ספרה (out of my concern) for your welfare I (hereby) send this letter' A2.1:12+.⁽⁸⁶³⁾

Here may belong also a common *greeting formula* such as לפתח ברכתי 'I hereby bless you to Ptah' A2.1:2 et passim. Otherwise the writer would conceivably be reassuring the recipient that a prayer had been said for him or her.⁽⁸⁶⁴⁾

The performative perfect is less certain in deeds and contracts, for these latter are essentially written records of past agreements: ארק 'I have given you, during my lifetime and upon my death, 1 house (with) land' B2.3:3; יהבחה 'I have given it to you and withdrawn from it' B2.7:7.^(964a)

c) *Verbs of mental attitude* are sometimes in the perfect, referring to the state of mind or attitude without specific time reference: e.g., למן זי צביח למנתן 'whoever you desire to give (it) to' B3.4:15+⁽⁸⁶⁵⁾; נפשי צביח 'my soul desires' B3.7:15; שניח לאנתחי 'I hate my wife' B3.8:21; שנאת לאסחור בעלי 'I hate Eshor my husband' B2.6:23; למן זי רחמתי תנתן 'you may give (it) to whomever you love' B2.3:9, sim.ib.19, B2.10:9. Cf. also טיב לבבן 'our heart is satisfied' B3.4:6+, where 'was satisfied' is not to be precluded.

d) *Gnomic perfect*

Occasionally we find the perfect used in the manner of the gnomic aorist in Classical Greek in proverbial sayings of timeless validity⁽⁸⁶⁶⁾: e.g. מלא בלבבה וזו ז' [חביר הנפקה ברא 'a good vessel cover[s] a word in its midst, but one whi[ch] is broken lets it go out' C1.1:93. But not every perfect in proverbs is to be so interpreted: [ברי] הוה לי שחר חמס ומן אפו צדקני 'my son became for me a malicious witness, and who would then acquit me?' C1.1:140 where the pf. is akin to its use in conditional sentences⁽⁸⁶⁷⁾, and is parallel to the impf.: נפקת לחיתי ועם [מן בי]תי

⁸⁶³ Some of these examples come under what Classical philology calls epistolary aorist: Gildersleeve 1900:127f. Cf. Dempsey 1990:7-11.

⁸⁶⁴ So Hug 1993:116 and Porten 1996:90, n. 6.

^{964a} Fitzmyer's "contractual" perfect: Fitzmyer 1956:176f.

⁸⁶⁵ Cp. למן זי רחמתי תנתנה 'to whomever you love, you may give it' B2.7:8 with למן זי תצבין הבהי 'to whomever you desire, give it!' ib.16.

⁸⁶⁶ So also Fitzmyer 1956:172, 177f., who, however, goes too far in assuming that all these perfects are atemporal. Thus in a fablelike saying such as נמרא פגע לענא 'the leopard met a goat' C1.1:166 the usual preterital meaning ought to be recognised. Cf. Blass - Debrunner - Funk 1961: § 333.

⁸⁶⁷ Thus *pace* Lindenberger (1983:138). Cf. a similar use of the perfect,

מן אצדק '[from] my hou[se] went out my misfortune, and with whom shall I be acquitted?' ib.139.

e) Our idiom does not use the perfect with optative force to indicate a wish.⁽⁸⁶⁸⁾ Hence Lindenberger's "May the dogs tear his guts out from between his legs etc." for מן כבלא הנפקו רגלוי A4.7:16 is unlikely.⁽⁸⁶⁹⁾

f) On the use of the perfect tense in conditional sentences, see below, § 84 *b*, *c*, *d*, and *i*.

§ 52. Imperfect or prefix conjugation

a) Among the verb forms characterised by the addition of inflectional prefixes supplemented by suffixes one may distinguish three different categories: the so-called "long imperfect," jussive (also called short or apocopated imperfect), and energetic. This section will deal with the first, and the remaining two in the following section. Here the term "imperfect" is to be understood in the sense of long imperfect.

b) The imperfect may indicate a state which will prevail in the future or an event which will take place in the future: e.g. כזי יהנעלן המו יהודיא 'it will be given to you' A3.3:5; 'when the Jews bring them' A3.8:12. No impf. has been identified which indicates an action in the past, whether punctiliar or durative/iterative/habitual. The latter function is marked by the periphrastic construction, הוה + ptc.act.: see § 55 *g*.

c) An extension of the use described above can be identified in an apodosis of a conditional statement, indicating a logical consequence that would ensue if the condition is met: הן לו לא תהצלחה 'If not, you will not be able to rescue him' C1.1:176;

also in a question, in Syriac: Mk 16.3 *man de:n 'aggel lan ke:fa*: τίς ἀποκυλίσει ἡμῖν τὸν λίθον;, and see Nöldeke 1898: § 259 "O dass doch einer den Stein abwälzte." Or simply preterital: " .. et qui donc m'a justifié?" (Grelot 1972:442). Kottsieper's (1990:9) restoration *[y]šdqny* has little to commend it.

⁸⁶⁸ As in Classical Arabic and some other cognates: see Brockelmann 1913: § 16 *b* (pp. 29f.). This phenomenon in Classical Syriac is confined to a particular syntax, namely <hwa: + adj. or ptc.>: Muraoka 1997: § 87.

⁸⁶⁹ Lindenberger 1994:67. The text is difficult enough. To כבלא corresponds כבלוי, a pl., in the revised version of the document (A4.8:15). The noun mostly denotes "fetters" as an instrument of incarceration or torturing, not a piece of ornamental accessory: see Ps 105.18 ענו בכבלי רגלו 'they tormented his foot (!: Ktiv רגליו) with a fether' and papMur 43:5 אני נתן ח כבלים ברגלכם (רגליכם) 'I shall put fetters on your foot.'

תמות לא תמות' (even) if I struck you, my son, you will not die' ib.177; "if there be any decrease in the domestic staff ..., you will be strictly called to account (תשאלון) and a harsh word will be directed (יתעבד) at you" A6.10:8. See also § 84 on the conditional clause.

d) The imperfect may be used in *generic statements on what might or could happen, but not referring to a specific or particularised event*. The imperfect so used, however, does not refer to an event in the past. It stands to reason that such an imperfect often occurs in generalising relative clauses or protases of conditional clauses. Examples are: יזבן יושב 'every beam that he might come across, let him buy (it)!' A2.2:15; כל זי 'whatever you desire, send (word) to me (about it)!' A2.4:7; כזי חמשה ידכי 'as much as lies in your power' A2.6:5; "I am doing for him as much as you might be able to do (כדי תכלין) A2.3:4; ... בא [ר] 'Seek out a man who might buy the large house ..' A3.8:6; 'for the silver [= price] that might be put on it (when sold)' ib.⁽⁸⁷⁰⁾; חלקא 'my portion on which .. might say to you ..' A3.10:2; 'whoever shall institute against you suit or (pro)cess' B2.7:10; 'to whom you might sell or to whom you might give in affection' B2.10:14, and many more examples in contracts⁽⁸⁷¹⁾; לא נסבילך כזי יסבל בר 'we shall not support you as a son would support his father' B3.6:13. Note the contrast between the impf. and ptc. in 'whatever you might be doing to Hor ... you are doing ...' A4.3:8. In the light of this a scribal error may be suspected in 'Let word be sent to whomever might be (there)' A6.2:5, הוה erroneously for הוה (haplography) rather than הוה as a ptc.

e) Also typical of the legalese is the use of the imperfect (α) indicating a stipulation or agreement which is deemed binding and to remain in force in accordance with the terms of agreement⁽⁸⁷²⁾, and (β) in decrees and administrative orders. Thus ... ותחצד ... נפלג ... ותפלג ... 'you shall sow it .. and

⁸⁷⁰ Rather than the present perfect as in "the silver that is fixed upon it" (Porten - Yardeni 1986:42).

⁸⁷¹ Note the alternation between the pf. רחמתי and impf. תצבין mentioned above (n. 865).

⁸⁷² See also a criticism by Degen (1979:37) against Segert (1975:300), who wants to see in examples cited here and such like a sign of a neutralisation between the indicative and jussive.

you shall divide .. we shall divide .. and you shall harvest .. and I shall take ..' B1.1:4; *מחר או יום אחרן לא אכהל אכלאנך* 'tomorrow or the next day I shall not be able to restrain you' B2.1:6; "If tomorrow or the next day I bring against you suit or process ... I shall give (אנחן) you silver .." B2.4:13 (not: 'I may have to ..') and tens of similar examples in contracts. That we are not dealing with a merely possible consequence is clear from the use of a nominal clause in similar context such as "If tomorrow or the next day you build up that plot (and) then my daughter hate you and go out from you, she does not have right (לא שליטה הי) to take it and give it to others" B2.4:9. The penalty is a certainty, not an option. An example of an authoritative decree is *יחשם טעם* 'May an order be issued that nobody shall do anything bad against PN' A6.7:8; see also A6.13:1.

f) *כן עב[ד]ן* with an impf. may indicate a purpose (*final*): *כן עב[ד]ן* 'Do thus so that you will gladden me!' A6.14:3; *כן עב[ד]ן* 'Do thus so that you will gladden the gods ..' A6.16:2; *גרדא ... חסין טרו כן כזי מ[נ]דעם כסנחו לא יהוה* ... 'Guard .. domestic staff .. strictly in such a way that there will not be a[n] decrease ..' A6.10:5; *אנחם קמו קבלהם כן כזי מלה באשה* 'You, stand by them .. so that they shall not find a bad thing about you' A4.3:6; *החב הב להם כן כזי מספח קבילה חובא* 'Restore, give to them so that Masapata will not send a complaint again against you' A6.15:10. Once without Kaf—*וּף דגנא וחנטתא זי תאכל ותשבע ותנתן לבניך עמך*—'Borrow grain and wheat that you may eat, and be sated, and give to your sons with you' C1.1:129.

g) The use of an imperfect to complement a verb such as *יכל* and *כהל* as in *לא נכל נגרכי* 'we shall not be able to institute (suit) against you' B5.1:4 and *לא אכהל אכלאנך* 'I shall not be able to restrain you' B2.1:6 is extensively discussed elsewhere: § 73 a.

h) *Miscellaneous*

~~In one case the~~ impf. appears to be equivalent to the present tense, simply stating a fact prevailing at the moment of speaking: *נדחל* 'we are afraid' A4.2:7. In another case an impf. is used parallel to a ptc.: *דבקה לביחא זילי* // *חדבק לשטר ביחי* B2.1:5 ib.4, where, however, the former is probably a case of apodictic impf., 'it shall adjoin the side of my house' as against 'it (in fact) adjoins my house.'

Volitive force may be identified in *זי תאלף ויחסר* ... 'the son who is willing to be taught and disciplined ..' C1.1:175, and

possibly in יהוספון 'Let them add' A6.2:18.⁽⁸⁷³⁾

§ 53. Jussive and Energetic⁽⁸⁷⁴⁾

a) Morphologically speaking, the jussive, also called apocopated, is a variety of the prefix conjugation characterised by a shorter suffixal morpheme. Even though this morphological difference is not always discernible in our unvocalised texts, one can say that our idiom might still have a jussive form distinct from an indicative one. For instance, the 3ms of a verb other than Lamed-Yod such as יבן from זבן G 'to buy,' D 'to sell,' may mean 'Let him buy/sell!' as well as 'he will buy/sell.'⁽⁸⁷⁵⁾ ישאל in אלהים שאל אלה שמן [יא] ישאל בכל ערן A4.8:2 (sim. A4.7:2) must be seen, at least functionally, as jussive in view of אלהים ישאלו שלמך בכל ערן 'May the gods seek after your welfare at all times' A4.4:1, sim. A3.10:1, A3.5:1. Likewise at שלחי על חבי וחושך לבי עמר 'Send (word) to Tabi and let her dispatch wool to you!' A2.2:6.

The use of an imperative אהעשה in ... אהעשה אלהים 'if it please our lord, give thought ...' A4.7:23 renders it likely that we have a volitive/jussive in an analogously worded expression such as אהעשה אלהים 'if it indeed thus please my lord, may a letter be sent from my lord' A6.13:2.

b) The primary function of the jussive is to indicate the speaker's wish or will: I or we will or wish that I or we, you, he, she, it or they do, or do not do a certain thing, or be or not be something or somewhere. In practice, the second person is confined to the expression of a negative wish or will, whilst its positive counterpart is indicated by means of the imperative, which in turn is never negated by means of לא איהי or לא. Examples are: תקם יחיו לן 'Let them bring us castor oil!' A2.1:7, sim. A2.5:4,5; יתנו לי 'Let them give (it) to me' A6.11:3; כן ידע 'Thus let it be known to you' A6.10:8. A jussive is also found in a standard greeting formula: ברכתי לפתח זי יחוני אפיך 'I said to Ptah a blessing for you: "May he show me your face in peace!"' A2.1:2; with a synonymous verb חזה at A2.2:2, A2.3:2, A2.4:2. Since the use of the jussive in a final clause, a clause indicating a purpose, is not known elsewhere, the presence

⁸⁷³ But Grelot (1972:292): "On ajoutera."

⁸⁷⁴ Cf. Folmer 1995: 496-521.

⁸⁷⁵ The jussive is, as far as our idiom is concerned, formally distinct from the indicative in non-Lamed-Yod verbs in the following categories: 2fs, 2/3mpl, whilst in Lamed-Yod verbs the distinction is visible also in the 2ms, 3s. See § 23 k and § 37 d.

of יי is somewhat problematic. The above translation assumes a syntactic break between the two clauses connected by it.⁽⁸⁷⁶⁾

c) The jussive frequently occurs with the prohibitive אל: e.g. אל תגלי 'Do not reveal!' C1.1:141; אל יאכמו עינין טבן 'Let them not darken good eyes' ib.157⁽⁸⁷⁷⁾; אל תצפי לן 'Do not worry about us!' A2.1:7, sim. A2.2:3, A2.3:4; אל תקטלני 'Do not kill me!' C1.1:52.

d) A jussive verb does not always occupy the initial slot: חיה חדה ושרירא מראי יהוי 'May all gods seek after your welfare at all times!' A3.7:1, sim. A3.5:1, A3.7:1, A3.10:1, and possibly A3.9:1 with ישאלו restored; חיה חדה ושרירא מראי יהוי 'May my lord be living, happy, and strong' A5.3:2; חיה חדה ושרירא מראי יהוי 'May the gods grant you peace!' A6.16:5.

e) One of the jussives mentioned above, חיה חדה ושרירא מראי יהוי A5.3:2, is paralleled by an imperative חיה חדה ושרירא מראי יהוי A4.7:3, exemplifying a complementary distribution of the affirmative jussive in the third person and the imperative in the second person. Likewise ... ויהוי זבן 'Do give ... and do let him buy ...' A2.2:14.

f) There are indications in our corpus, particularly in the Ahiqar literature, both the introductory framework story and the proverbs, that the useful functional opposition between the two forms of the prefix conjugation, the indicative and the jussive, was not consistently observed. Thus the grammatically correct jussive אל תקטלני 'Do not kill me!' C1.1:52 is unexpectedly paralleled by an energetic אל נקטלנהי 'Let us not kill him!' ib.61

⁸⁷⁶ Though the text is fragmentary, we probably have a similar case in כל ... ליאתו 'every ... let him/it be there ...' D23.1 III-IV:9 and ... עמהם 'Would that they do not come with them ...!' D23.1 Va:10.

A similar use of די occurs in Aramaic letters of Bar Kochba, e.g. די תשלחון ... 'you are to send to me ...' (Fitzmyer - Harrington 1978: # 56.4). Beyer (1984:551) thinks that the particle introduces the body of a letter. Hence his explanatory "(Hiermit wird euch mitgeteilt), daß ..." Milik (1961:158), followed by Kutscher (1961a:122; 1961b:11), took it as well as its Hebrew equivalent ש as equivalent of דִּי *recitativum*, which introduces direct speech. Milik, however, makes no distinction between such די or ש introducing a clause with a pc. form and one without. Note the use of *que* followed by the subjunctive in Milik's (1961:156) translation of שידע יהי לך 'Qu'il soit connu de toi ...' The author(s) of these late Aramaic letters has no distinctly jussive form. Cf. Qimron 1981, where, in addition to the usage in the Aramaic letters of Bar Kochba, he mentions a few instances in Nabataean. On an analogous usage of אשר and -ש in Qumran Hebrew, see Qimron 1986:77f.

⁸⁷⁷ Or possibly "Let good eyes not become dark!"; cf. § 24 j.

(for the expected verb form without an energetic Nun).⁽⁸⁷⁸⁾ Indicatives or energics where one expects jussives are evident in the following cases of Lamed-Yod verbs: ... אל יהוה ... [א]ל תאחה ... אל תכסה 'Do not let it come .. let it not be ..' C1.1:81; .. אל תחוי 'Do not conceal ..' ib.84 in contrast to a jussive .. תחוי 'Let it be ..' ib. and an energetic יחזנה 'Let him not show it!' ib.86; ותכסה 'Do not kindle ... (and do not) cover ..' ib.87; אל יחדה 'Let him not rejoice!' ib.90. In לא יפגעני 'it will not harm me' C1.1:212 one expects יפגעני. Also in ... יזכרני ועשתי יבעה ... תקרבני 'Do not kill me .. he will remember me and seek my counsel .. you will present me to him and he will let me live .. Do not be afraid. [You will] live ..' C1.1:52 the indicative appears to be better suited not only in יבעה, but also in יזכרני (all jussives).⁽⁸⁷⁹⁾ A similar blurring is also attested in שלם מראן אלה שמיא ישאל שגיא בכל עדן ולרחמן שימנך קדם 'May the god of heaven seek after the welfare of our lord at all times and grant you favour before King Darius' A4.7:1 where one expects a jussive ישמך.⁽⁸⁸⁰⁾ Cp. ידיע יהוי לך 'You ought to know' A6.10:8 with יד[נ]ע יהוה לך A6.8:3.⁽⁸⁸¹⁾ A likely scribal error is תנתנו 'you give' B2.10:14 (for ותנתון, and // תזבונן 'you sell').

g) The free-standing *energetic* is but rarely attested in our corpus: once in a declarative clause—אשלמן 'I shall pay' B4.6:5 (// אנתנה 'I shall give it'); once with a prohibitive אל תלקחן—אל 'Do not take!' C1.1:167; twice in a protasis—הן יאחדן רשיעא 'if the wicked seize' ib.107; הן אשבקן 'if I leave' ib.177 (// הן אמתאנד).

It is not apparent whether there existed any functional opposition between the indicative and the energetic.⁽⁸⁸²⁾ Whatever

⁸⁷⁸ Our assumption here is that the jussive or voluntative of the prefix conjugation was in many cases formally distinct from the indicative use of it. One of the formal manifestations of such a distinction is that a personal object suffix was directly attached to the former, whereas the latter had an intervening Nun, the so-called energetic Nun. See above § 24 l, m.

⁸⁷⁹ The "ungrammatical" forms such as אל תשים 'Do not place!' C1.1:130 (instead of תשם); אל תל[נ]ט 'Do not curse!' ib.80 (instead of תלם); אל תקום 'Do not rise!' ib.85 (instead of תקם) are also to be evaluated in the light of the "loose grammar" of this document.

⁸⁸⁰ That ישאל is a jussive is certain from ישאלו, and not ישאלון, in a similar greeting formula such as אל יהיא ישאלו שלמן בכל עדן 'May the gods seek after your welfare at all times' A4.4:1.

⁸⁸¹ Whitehead 1974:51.

⁸⁸² Leander 1928:40 calls אשלמן "Affekt-aorist," namely indicating an

the original functional load of the energetic may have been⁽⁸⁸³⁾, its use is, in our idiom, morphosyntactically conditioned. Most of the forms take an explicit pronominal suffix, and those which do not can be said to have one implicitly.⁽⁸⁸⁴⁾ In one case only this is not the case: ... הן יאחדן רשיעא בכנפי לבשך 'if the wicked seize the corners of your garment ...' C1.1:107.

§ 54. Passive voice

The passive voice is a transform of the active, whereby the direct object of a clause in the active voice is made the grammatical subject: e.g. כונה עבד 'such was done' A4.7:15, cf. כן עבדו 'so they did' ib.27; כל קטילו 'they were all killed' ib.17, cf. קטלו 'they killed the rebels' C2.1:13.

a) The passive ptc. indicates the result of an action: נשיא זילין 'our wives have been treated like widows' rather than 'are being treated' A4.7:20. Cf. איך ביחא עבד 'How is the house faring?' A3.3:6; איך זי עבד אנה 'how you are' C2.1:66.⁽⁸⁸⁵⁾ Thus the emphasis is on state rather than on process or action. Hence באר חדה זי בניה בג'ן [בן]רחא means 'there is a well which has been built inside the fortress' A4.5:6, not 'under construction.' The same holds true of non-G pass. participles: e.g. ממזין הו 'had been appointed' A6.7:5. In contrast, the external passive ptc., namely one of a t-binyan, indicates an action: e.g. לקבל זי לקדמין הוה מתעבד 'in accordance with what used to be done formerly' A4.9:10.

A benedictory formula בריך + PN is no real exception: בריך אבה 'Blessed be Abah' D20.3:1. Similarly D20.2:1, D20.4:1, D20.5:1.

b) In a passive transform only the direct object can become

intention, but such can be also indicated by the indicative. Cf. also Folmer 1995:518.

⁸⁸³ Of the uses of the energetic, best illustrated in Classical Arabic in free-standing forms, which are mentioned by Brockelmann 1913:159, only its use in prohibitions is illustrated by one of our examples cited above. See also Degen 1969:80f. Segert (1975:392), who believes to be able to identify the original character of the energetic in some of the above-named examples, does not, however, say what that original character was.

⁸⁸⁴ Leander 1928: 41.

⁸⁸⁵ Cf. Peshitta at Mt 4.24 *w-qarrev(w) le:h kulhon 'ayle:n d-viš biš 'vidin b-kurha:ne: 'mšahlfe: 'they brought to him all those who were in rather bad shape with all manners of illness' with the Gk ... πάντας τοὺς κακῶς ἔχοντας* .. Moreover, this עבד at C2.1:66, *pace* Greenfield - Porten (1982:31), must

the subject, not like in English, which allows both *I was given this book* and *this book was given to me*; so in *בנא לם זי מן מראי לי* 'the domain which was given to me by my lord' A6.13:1 for the active ... *מרא יהב לי*. An English sentence such as *I was given* cannot be literally transformed into Aramaic. Compare *אנתי שביקה לאלהא* 'you have been released to the god (so that you are no longer in bondage)' B3.6:10 with *שבקתכי* 'I released you,' where the accent is on my action.⁽⁸⁸⁶⁾ For this reason, *מלבש אנה* A2.1:6 cannot be translated "I am made to wear," namely a H passive participle.⁽⁸⁸⁷⁾

c) The syntagm [passive ptc. + ל] to express a state resulting from an action, similarly to the Engl. perfect, present or past, with a pronoun or noun attached to the preposition indicating the actor, occurs in our idiom rather infrequently⁽⁸⁸⁸⁾: *כן שמיע לן* 'thus we have/had heard' A3.3:13; *כן שמיע לי* 'thus I have heard' A6.10:3.⁽⁸⁸⁹⁾ It is doubtful that it is this syntagm that occurs in a case such as *ידיע יהוי לך* 'you ought to know' A6.10:8.⁽⁸⁹⁰⁾

d) It is only rarely that a passive verb is accompanied by an indication of the subject, actor: ... *הן אוד יתעבד מן דיניא* 'if it be made known by the judges, ..' A4.5:8; *מן מראי יהב לי* 'was given to me by my lord' A6.13:1. The same preposition, *מן*, in cases like *אגרה מנך ישחלח עליהום* 'May a letter be sent from you to them!' A4.7:24 and *מנך יתשם טעם* 'Let an order be issued from you!' A6.7:8 seems still to retain the literal sense of origin, "from place x." This use seems to be characteristic of officialese.⁽⁸⁹¹⁾

The preposition Lamed in a benedictory formula *ברוך + PN + ל-DN* is best interpreted as indicating an indirect object of verbs of saying: *ברכה תמא ברת בכרנף לוסרי* 'Blessed be Tuma

be distinguished from the same form at ib.17, if the latter be not a scribal error.

⁸⁸⁶ Thus the often-occurring *אחזיאת* 'I was shown' in the Qumran Aramaic Enoch fragments (e.g. 4QEn 1 xii 27) is unusual. Cp. Ex 25.40 *אתה מראה* 'you are shown' with TO *אף מראה* (tA) and Pesh. *mhawwe:ʿ* (ʿ) *na:ʿ la:k*.

⁸⁸⁷ Pace Moriya 1994:130.

⁸⁸⁸ See Kutscher 1969, who characterised this syntagm as typical of Eastern IA. More Syr. examples may be found in Muraoka 1987: § 69. Cf. further Folmer 1995: 376-80.

⁸⁸⁹ The literal rendering is not, pace Grelot (1972:314), "il a été entendu par moi," in other words, the preposition is not the exponent of agent, but that of possessor or owner.

⁸⁹⁰ Pace Whitehead 1974:51, and see also Folmer 1955: 391-93.

daughter of Bokrinf to Osiris' D20.2.⁽⁸⁹²⁾ Compare ... בריך אבה ... 'Blessed be Abah ... before Osiris for Aba ...' D20.3:1; ... קדם אוסרי 'Blessed be B. to Osiris' D22.13; ... בריך בלהבה לאסרי 'Be blessed before Osiris' D20.5:3.

Alternatively, the preposition ל may be that of possession or ownership. "Be PN (a) blessed of DN," though the use of קדם as an alternative preposition as in קדם ... בריך and the Lamed in the active transform לפתח ברכתך cannot be easily reconciled with such an interpretation.

e) The passive עבד, if the text be in order, is puzzling in אחר דדרש מנדרעם ל[א] עבד 'then Dadarshu did n[ot] do any[thing]' C2.1:17.

§ 55. Participle

a) One of the functions of the participle as a tense form is to indicate actual present, namely an action indicated by it is currently in progress at the moment of speaking: אנחן בען אלף 'we are (currently) looking for a boat' A2.6:9; ... לה שבק אנה לה 1 'I am not leaving him alone .. I am taking care of him' A2.4:4; אנה 'it is on you that I am relying' A2.7:2; לא 'they do not obey me' A6.8:1; יצפן 'we are worrying about you' A2.1:8.

aa) A variation of actual present is the use of a participle indicating an action which has been going on up to the moment of speaking as in מן ירח תמוז ... ועד זנה יומא ... אנחנה שקקן לבשן 'since the month of Tammuz ... up to this day ... we have been wearing sackcloth and fasting ...' A4.7:19. Typologically analogous to this structure is חנום הו עלין מן זי חנניה במצרין עד כען 'Khnum has been against us since Hananiah has been in Egypt until this day' A4.3:7.

b) A ptc. may follow a noun, qualifying the latter: אשה יקרה 'What is a burning fire' C1.1:87; מה חסין הו מן חמר נער 'it is stronger than a braying ass?' ib.174; *passive*—כּוּן פּתּוּחַן 'open windows' B2.10:6. Cf. § 71.

c) A ptc. may be completely substantivised: רכבי סוסין 'cavalry men' C2.1:44; קטיליא 'the killed' ib.49; שהד 'witness' C1.1:140+; שניא 'my enemies' ib.110; D מכדב 'liar' ib.134; H מהחסן 'hereditary property-holder' B7.2:2+; יעם 'counsellor' C1.1:12.

d) Occasionally a ptc. is used as a historic present, namely

⁸⁹¹ On our view about Kutscher's (1969:148-51) *passivum majestatis* in IA, see below at § 80 b.

as a preterital tense: 'אדין מומאה מטאה עליכי וימאתי לי' 'then the oath comes upon you and you swore to me' B2.8:4 (// pf. (ימאתי)⁸⁹³). Though in the standard opening formula in contracts the verb form spelled אמר is ambiguous—pf. 3ms or ptc. ms—we find two unambiguous cases of the pf.: '... אמרת יהוחן ברת משלך' 'Jehohen daughter of Meshullach said' B3.1:2; 'אדין ביב אמרת' 'then, in Elephantine, Mipta[hiah] said' B5.5:1. In the light of this last instance one may be tempted to interpret אמר as pf., but such an interpretation is impossible in 'אדין [ביב ב]רתא' 'then I Anani say in Elephantine the fortress' B3.7:1. In 'אמרן כן' A4.7:4 the verb אמרן, in combination with כן, is most likely a participle: note especially 'אמרן כן' A4.7:22 with a mater lectionis. The morphological ambiguity of the above-quoted אמר in B3.7:1 is highlighted by its similarity to מטאה (ptc.) at B2.8:4 on the one hand and its stylistic and syntactic aspect in the light of אמרת, also quoted above from B3.1:2 and B5.5:1, on the other. In any event, it is important to stress that the adverb אדין in our corpus occurs in the past context, which is morphologically clear in 'אדין ... לא שציי' 'then .. did not succeed' A6.7:6. The only certain exception is 'אדין תאכל' 'then you will eat' C1.1:127.

e) Once an impf. occurs side by side with a ptc., both in a conditional clause [הן נפקה טבה מן פם א[נשא] [והן לחיה תנפק מן] 'if good goes out from the mouth of a m[an ..] and if evil goes out fr[om] their mouth' C1.1:171. However, in the following pair, there is a functional opposition: 'זבני עמר כזי תמשה ידכי' 'Buy wool as much as you possibly can' A2.6:5; 'כדי מטאה ידי' 'as much as I am (actually) able' A2.4:4 (ptc.).

f) The participle may be used to qualify the predicate: e.g., 'הן נפקה טבה מן פם א[נשא] [והן לחיה תנפק מן] (there is) is a lower house renovated, having beams' B3.10:12, sim. B3.5:8; 'דש חד בה אחד ופתח' 'there is one door in it, shutting and opening' ib. 13; 'ירבה עלי ... הוה כסף' 'it will accrue against me ..., it being silver, 8 hallurs' B3.1:4. Haggai, who penned B3.10, varies the wording slightly in B3.12: 'ביתה זנה ... יהבתה לך ברחמן מבני בי תחתי אחד גשורן וכון בה' 'this house ... I gave it to you in affection' B3.12:11. In these two cases what begins with מבני describes the nature of the property in question indicated by the object suffix, and syntactically it constitutes an object complement (§ 74 k).

⁸⁹² On this use of the preposition, see Pardee 1976:221-23 and Muraoka 1979:92-94. Cf. Porten 1996:90, n. 6.

⁸⁹³ Grelot (1972:190) uses two different tenses in his translation: "l'incombait

What further follows the passive participle specifies the nature of the renovation undertaken. Another scribe, Mauziah, who wrote B3.8, also varies the wording in a different way: בנה בי תחת חדרת. אחר גשורן וכן (מבני). He uses two words, בנה .. חדרת instead of one (מבני). It is best to take this clause also as an object complement somewhat loosely dependent on .. ביזה זי 'this house which I Ananiah gave to you ..' B3.8:5. Otherwise there would emerge a new clause beginning with בי תחת 'a lower house' in the st. abs. as the subject when one naturally expects ביזה in the st. det. with anaphoric force. In the first two cases and B3.12:11 the participles themselves are further modified, which makes them distinct from the cases mentioned under (b) above.

g) *Periphrastic tense*⁽⁸⁹⁴⁾

Our idiom shares a typically Aramaic feature in which a participle is combined with a form of the verb הוה. Excepting a few examples to be dealt with later, the participle immediately follows a form of הוה. Coordinate verbs may dispense with הוה.⁽⁸⁹⁵⁾ The latter can be a perfect, imperative or imperfect. In most cases the syntagm seems to indicate iteration or habit, or an ongoing process, especially with the perfect of הוה: e.g. כזי 'as ... used to do' A6.10:7; הוה עבדן 'as we shall have been doing' B3.6:12; כזי 'as I was coming' A6.3:2; הוה חשל 'was holding as heir' A6.11:2; הוה חשל 'was paying (?)' ib.6; הוה חשל 'I used to look after you' C1.1:48, sim. ib.72; כל כסף ומרבי זי אהוה משלם לך 'all silver and interest that I shall be paying you' B4.2:7.

With the imperative of הוה the picture changes slightly. Whilst in הוה עבר לוחפרע 'and keep giving grain to Wahpre!' A2.2:14 and הוה עבר לוחפרע 'Keep sending [mon]th by month!' A6.1:3⁽⁸⁹⁶⁾ the syntagm may be assigned the above-mentioned, durative or iterative function, in most cases it seems to indicate a sense of urgency and insistence⁽⁸⁹⁷⁾: שלם יקיה הוה שלחת לה 'Do send greetings (from) Yekia to her!' A2.3:11; הוה שלח שלם יקא 'Do send greetings of the child!' D7.6:10; ... ויהב בגשורן ושבק ...

... tu m'as fait serment." This reminds us of אָ with an imperfect (but not apocopated form!) in BH as in Ex 15.1 יָשַׁר מֹשֶׁה אָז 'then Moses sings [= sang].'

⁸⁹⁴ Cf. Greenfield 1969 and Kaddari 1983.

⁸⁹⁵ See § 81 d.

⁸⁹⁶ הוה may be a pf. 3mp.

⁸⁹⁷ Moriya (1994:285), following Fitzmyer (1971:224), speaks of "conative"

take barley ... and give (it in exchange) for beams and leave ...!' A2.4:9. In the last-quoted example we have a series of coordinate participles where they relate to one domain of activity, whereas we note a shift of the verb form (from or to the imperative) when the second verb belongs to a different domain of activity as in *הוי חזית על תשי* A2.3:11 (sim. A2.7:2) 'Keep an eye on Tashai' followed by *ושלחי* 'and send word!' ib. 12 and *הושרי לי תקם* 'Dispatch to me 5 handfuls of castor oil' followed by *וידוי* 'and let him keep buying beams and leaving (them) in his house' A2.2:14 (with a jussive). This periphrastic imperative appears to be a favourite syntactic feature of the writer of the Hermopolis letters.⁽⁸⁹⁸⁾

With the impf.: *אהיה משלם* 'I shall be repaying (by instalments)' B4.2:7; "your (unpaid) silver and its interest will be increasing upon me (from) month to month (*יהיה רבה עלי ירח לירח*) until the day that I repay it to you" ib.9; *אריא יהיה מסמה לאילא* 'a lion will be lying in wait for a stag' C1.1:183. The subtle difference between this periphrastic tense and the plain tense is matched by a difference in preposition: *אשלמנהי לך ירח בירח מן פרסי* 'I shall repay it to you month in month (out) from my salary' B4.2:5, which is to be contrasted with ib.9 quoted above: the payment of the capital along with the interest falls due monthly, whereas the interest on arrears keeps growing from month to month. For an example with a jussive (A2.2:14), see above.

The participle precedes the auxiliary *היה*, when it is an internal passive.⁽⁸⁹⁹⁾ The syntagm has nothing to do with iteration, habit or such like, but indicates a state which prevailed or will prevail ⁽⁹⁰⁰⁾: *היה מן קדמן* (*בנה* = *בנה*) 'the altar which,

force, but we fail to see that the syntagm indicates "more purposive intention or volition."

⁸⁹⁸ It escapes me how one could, with Hug (1993:118), contrast the above-quoted *הוי חזית* as "handlungsorientiert: imperfektiv" with *שלחי* as "ergebnisorientiert: perfektiv."

⁸⁹⁹ So also Greenfield 1969:204f. He further notes (1969:205-7) that this rule does not apply to BA and QA. Classical Syriac has developed a different kind of complementary distribution of the two sequences: see Muraoka 1997a: § 86-87. What Greenfield (1969:201) quotes as the only OA example, *הוי חלפה* III 6, 'be his successor,' does not belong here, as his own translation suggests, for it is a substantivally used participle, and besides a pronominal object of a participle is mediated by the preposition *Lamed*.

That at A4.7:10 the auxiliary precedes a passive ptc., and that with a few intervening words indicates a non-periphrastic syntagm: *היה חרען וי אבן 5 בנין* 'there were five stone gates, built of hewn stones.' The interpretation

in Elephantine the fortress, was built from (a long) time ago' A4.9:3, cf. A4.10:9; ... אבשוכן ממזין הוּ 'they held appointment as pressers (?) ...' A6.7:5; ידע יהוי לך 'Let it be known to you!' A6.10:8; מן קדם אוסרי בריכה הוי 'Be blessed before Osiris!' D20.5:3 // הוי פלחה נמעת 'Do serve the Lord of the Two Truths' ib.4. See also שליט יהוי 'Let him have the right ..' A6.4:4: this shows that שליט is not fully verbal. That a stative verb such as כהל displays this syntagm is easy to comprehend: לא כהל הוית 'I was impotent' B3.10:17. This syntagm shares with the nominal clause expanded by הוה following the predicate the feature that both describe a state, not an action (§ 77 *bk*). In לבשן הוין וצימין ומצלין ליהו A4.7:15 (sim. A4.8:14) we are to take the verb לבש as stative, "to be wearing, dressed" and not as fientive, "to put on, wear": 'we were wearing sackcloth and fasting and praying to YHW.'⁹⁰¹ See also חדה ושריר הוי 'Be happy and strong!' A4.7:3 // A4.8:3 where חדה is, parallel to שריר, most likely adjectival (חדה?) rather than a fientive active participle, 'rejoicing' (חדה). An exception is הוית מלא לבתך 'I was full of anger at you' A3.5:4. When the external passive ptc. is used, the sequence is reversed, the ptc. following הוה and emphasising repetition and iteration of action: לקבל זי לקדמין הוה מתעבד 'in accordance with what used to be done till (some) time ago' A4.9:10.

One of the examples just quoted above, A4.7:15, however, contains three participles sharing one auxiliary: לבשן הוין וצימין ומצלין. Since the last two are fientive verbs, this is elliptic for לבשן הוין והוין צימין והוין מצלין. The clause is introduced by וכזי כונה 'when this had been done (to us)'. The meaning cannot be that when all this destruction had taken place, they were *already* out there, fasting and praying etc., but rather the moment this happened, they were out there doing this and that. The periphrastic structure here is thus akin to the inchoative use of the Greek imperfect. On a similar nuance of the corresponding structure in BH, see Joüon - Muraoka 1993: § 121 *g*.

In only one case we find the syntagm [הוה + pc.]: וכל מן זי הוה יא[ח]ה עליך הוית אשלח שלמד 'I would send (to enquire about)

pluperfect force."

⁹⁰¹ Cp. Peshitta Mk 1.6 *lviš (h)wa:ʿ lvuša:ʿ d-saʿra:ʿ d-gamle:ʿ* (Gk. ἦν ... ἐνδεδυμένος ..) 'was dressed with a robe of camel-hair' with Lk 16.19 *la:veš (h)wa:ʿ buša:ʿ* (Gk. ἐνεδιδύσκετο πορφύραν) 'he used to dress in purple.' Thus the possibility of defective spelling for לבשן is not to be excluded.

your welfare [with whomeve]r would be co[m]ing to you' A3.5:3.

§ 56. Infinitive

a) The infinitive is a verb form which is always used in syntactical subordination to another verb or a noun. In our idiom, it is only rarely used as the subject of a nominal clause: see below at (i).⁽⁹⁰²⁾

b) On the use of the infinitive to complement verbs such as *לא אכהל למפלח בבב היכלא* as in *אבה, צבי, כהל, יכל* 'I shall not be able to serve in the gate of the palace' C1.1:17 and *צביח למנתן* 'you desire to give' B3.4:14, see below at § 73 c. Here belong *אל צביח למנתן* 'Don't fail to come!' D7.20:4; *לא שבקן לן למבניה* 'they do not allow us to build it' A4.7:23, sim. A4.8:23; *לא אכהל ...* 'I shall not be able to restrain you from building ..' B2.1:6, sim. ib.9; *לי מומאה למומא* 'they imposed on you the oath to swear for me' B2.2:6⁽⁹⁰³⁾; *לא שגציו למנעל בבירחא* 'they did not succeed in entering the fortress' A6.7:7. Here also belongs *שלחח לה למפרש לי מלחא* 'I sent to him (asking) to explain the matter to me' D7.24:15. Likewise *שלחח לה למחזה טעמא להושע* 'I sent to him (asking) to show the order to Hosea' D7.24:16.

c) Another use of the infinitive is final, indicating the purpose of an action: "they assembled, went towards Dadarshu to do battle (למעבר קרב)" C2.1:15.

d) Unlike in Hebrew, the subject of an infinitive is not indicated by a conjunctive pronoun attached to it nor by a noun within the infinitive phrase. In many cases, as in examples dealt with above under (b) and (c), the subject of the infinitive is identical with that of the finite verb to which the infinitive is syntactically subordinate. This is obviously not the case in the following examples: *יהבת לי תרע ביתא זילך למבנה אגר 1 תמה* 'you gave me the gateway of your house (for me) to build a wall there' B2.1:3; *... לי מומאה למומא ביהו* 'they imposed upon you the oath to swear for me by YHW' B2.2:6; *[א]תיה ביתך למנתן* 'I came to your house (to ask you) to give me your daughter' B2.6:3, sim. B3.3:3; *הן יפקד לך מראך מין למנטר* 'if your master deposits with you water in order (for you) to keep (it)' C1.1:191; *שלחח לה למפרש לי* 'your big sheep arrived (for you) to shear (it) [= to be sheared]' D7.8:2;

⁹⁰² Cp. Gn 2.18 *לא טוב היות האדם לבדו* 'it is not good for a man to be alone' with TO *בלחודוהי אדם* and Pesh. *la: 'šappir d-nehwe: 'a:da:m balhodaw*.

⁹⁰³ The inf. can also be said to indicate a purpose.

מלחא 'I sent to him (asking) to explain the matter to me' D7.24:15. In all these cases, though the subject of the infinitive differs from that of the main verb, the former is signalled in one way or another in the preceding part of the clause. In אחזעשת על אנורא זך 'Give thought to that temple to have (it re)built' A4.7:23, though the rebuilding would be executed by the local Jewish community, there is a sense in which one could say that it was to be built by the Persian authorities. No explicit subject is to be found in the context in וּמִין לֹא חֲסֶרָה לְהִשְׁקִיָּא חִילָא 'and it [= the well] does not lack water to give to the troops' A4.5:7.

e) Some infinitives *modify a noun*: כפן למנשא משח 'ladles for carrying oil' B3.8:19; בבה למנפק 'its gate for exit' B3.11:3; מלח 'salt to be put into flour' D7.2:7. Perhaps belong here לכן למיחית אש 'I haven't found anyone to bring (it) to you' A2.4:11; למתיה לכן ... 'I bought striped cloth .. to bring to you' ib.10; מין למנטר 'water to be watched over' C1.1:191. In לעד אשכח אש למושרהם לכן 'nobody has been found yet to send them to you' A2.2:12, when compared with the earlier quoted A2.4:11, not only the verb of the infinitive is different, but the latter also has a conj. pron., and the infinitive appears to be more closely bound with the main verb than in the other examples, being more final in function: to paraphrase, "I have searched for a carrier in order to send them to you, but so far no carrier has been found." אש is the logical subject of למיחית (A2.4:11), but not of למושרהם.

f) Some infinitives modify a verb or an adjective, and explain the preceding main word (*epexegetical*): 'a king is beautiful to look at like sun (or: Shamash)' C1.1:92; מלח 'you were (so) full of anger at me (as) to say ..' A2.3:6. The ubiquitous, fossilised לאמר introducing a direct speech may be so interpreted⁹⁰⁴: ... לאמר ... 'he said .. saying ..' B2.1:1 et passim. The following, though not linked to לאמר as the main verb, are variations on this usage: ... שלח לאמר 'I have sent (word), saying ..' A5.2:8; ... תשמעין לאמר 'you will hear say, ..' D7.9:11; ... כזי כן שמיע לן לאמר 'when we had thus heard said ..' A3.3:13; אל תפשר למאחה מחר 'do not fail to come tomorrow' D7.20:4.

See also את לזבנה 'you have no right to sell that house' B2.4:6⁹⁰⁵ and צדיק א[נה] ל[ה]חסנותה ... 'I am entitled to

⁹⁰⁴ Or possibly final: so Fitzmyer 1956:212.

⁹⁰⁵ We are inclined to see a defective spelling in [ש]לט למא[חד] 'is entitled to take possession of ..' B4.3:19 and את שלט למאחד 'you are entitled

bestow it ..' B7.3:6.

g) The temporal function of the infinitive, confined to the expression לממטה 'upon arriving (in such and such a place),' may be an Akkadianism: e.g. בכנדר 'upon arriving (in) Media at Kundur' C2.1:25⁽⁹⁰⁶⁾; א אחכנשו לממטה מרד[י] 'upon (his) arrival the rebels rallied' ib.20; לממטה ברחא 'upon arriving in Rakha' ib.41.

h) הוספה A6.2:17 in the midst of a lengthy catalogue is disputed.⁽⁹⁰⁷⁾ It does not occur in a well-formed clause.

i) Rare examples of the infinitive as the subject of a nominal clause are למאזל [ל]ביתי 'tomorrow I have to go [to] my house' D7.1:9; כי לא ביד אנושא רגלם ומנחתותהם ... כי לא בידך מנשא רגלך למנחתותה 'for it is not in the hands of men to lift their foot and put them down ... for it is not in your hands to lift your foot to put it down' C1.1:170.

§ 57. Imperative

The imperative expresses a wish or command directed to the person(s) spoken to: e.g., זבן 'Sell!' A3.8:5; זף דגנא 'Borrow the grain!' C1.1:129; דין עבדי עמה 'Make suit with him!' B2.3:27. The term "imperative" should not mislead us: it could be used in addressing one's senior or superior: זבני עמר 'Buy wool' A2.6:5 (addressing one's mother).

In an official petition, the writer begins with a standard הן על מראי/ן טב, then takes recourse to an indirect mode of speech, viz. the jussive: e.g., ... הן על מראי מן אגרת מן מראי חשתלח 'if it thus please my lord, let a letter be sent from my lord ...' A6.13:2; sim. A6.7:8. The indirect and impersonal nature of such a request is evident in ... הן על מראי טב ישתלח 'if it please my lord, let (word) be sent ...' A6.3:5 where ישתלח lacks its grammatical subject. In A4.7 and A4.8 the petitioner first uses the imperative, with which he indicates the desired general attitude and stance on the part of the authorities, and subsequently spells out, by using the standard jussive, specific actions which he wishes to be taken: "if it please our lord, give thought (ארתעשת) to

to ..' B4.4:17. This leaves כלל בביתה לא ישלט 'he shall have no right to the entire house' B3.5:20 as the only case of שלט as a verb.

⁹⁰⁶ The Akk. here (57), for example, has *a-na ka-ša-di*.

⁹⁰⁷ TAD A 101—impv. "Add," but הוסיף (ל), i.e. inf. in the Heb. translation (p. 100); Grelot (1972:292)—"Additif."; Joüon (1934:75)—"en addition" (accepted by Fitzmyer 1956:215); Leander (1928: 60j) and Cowley (1923:96)—long impv.

that temple to have (it re)built ... Regard (חִי) your obligees and friends who are here in Egypt. Let a letter be sent (יִשְׁלַח) ..." (A4.7:23f.). See also A4.8:22.

PART FOUR

SYNTAX

SECTION A

NOUN PHRASE EXPANDED

The following paragraphs (§§ 58-71) will describe various ways in which a noun, standing as the focal point of a phrase, may be expanded. Such an expanded noun phrase is endocentric in that it belongs to the same form class as the noun which is the head or nucleus of the phrase.

§ 58. Noun with a conjunctive pronoun

a) The noun נפש 'soul' is sometimes combined with an appropriate conjunctive pronoun to stress the identity of the person indicated by it⁽⁹⁰⁸⁾: e.g., עבד לנפשה ... חמרא 'he made the wine ... his own' A6.15:5, sim. B7.2:6; זרע נפשך 'your own seed' B1.1:4, sim. ib.13; בחמר נפשך 'with your own he-ass' ib.13 נ[נ]פקת נפשה 'his personal out[lay]' C3.19:7 vs. נפקת מדינתא 'the outlay of the province' ib.14. See also above at § 39 *h*.

b) On the opposition between the synthetic syntagm such as ביתי 'my house' and the analytic one such as זילי (א) בית or לי בית, see § 40 *h* and § 46.

c) A noun with a conjunctive pronoun is at times definitely more determinate than other related syntagmata. Thus גבר אחרן 'Another person—my mother or my father, brother or sister, or another man—shall not have right to the whole house' B3.5:19 where "my father" and "my mother" are unique, which is not the case with other people mentioned. It stands to reason therefore that one often meets בר לי, איש לי, and the like, but never לי אב or לי אם.

d) A noun may be expanded by both a conjunctive pronoun

⁹⁰⁸ So called reflexive.

and a demonstrative pronoun: דְּמִי עֲבָדֵי אֵלֶיךָ 'the value of those slaves of mine' B8.7:1.

§ 59. Noun with a disjunctive possessive pronoun

a) A disjunctive possessive pronoun expanding a noun head or a noun phrase always and typically follows the latter as in בֶּר זִילָה 'a son of his' B2.3:26; בֵּיתָא זִילִי 'my estate' A6.10:2.

b) A preceding noun phrase may consist of a construct chain or its analytical equivalent as in חֲרַע בֵּיתָא זִילֵךְ 'the gate of your house' B2.1:3, hardly 'your house-gate'; אֲגַר בֵּיתָא זִילָה 'the wall of its house' B3.11:5. In all these cases the hierarchy appears to be $[N_1 + (N_2 + N_3)]$.

c) A preceding noun phrase may consist of a noun followed by an adjective as in עֲלִים אַחֲרָן זִילִי 'another servant of mine' A6.11:5; נִכְסֵי אַחֲרָן זִילִי 'other goods of mine' A6.10:8⁽⁹⁰⁹⁾; חֲרִי 'a Cretan slave of mine' B8.3:1; עֲבָד כְּרֶתֶךְ זִילִי 'our large vessel' C3.28:108. Exceptional are לֶךְ רִבְחָא 'your big sheep' D7.8:2 and עֲמָרָא זִילָה קִדְמָא 'its early wool' (?) ib.4.

d) A noun phrase may consist of a noun head followed by a demonstrative pronoun: אֲגַרָא זֶךְ זִילֵךְ 'that wall of yours' B2.1:6; אֲגַרָא זֶךְ זִילָה 'that wall of his' ib.10. B2.3:19 has also been interpreted by some authorities in a similar fashion.⁽⁹¹⁰⁾ Joüon's argument is that a phrase such as בֵּיתָא זִילֵךְ, which in theory could mean "the house is yours," means in practice "your house," for the former would be expressed as בֵּיתָא זִילֵךְ הוּא or בֵּיתָא זִילָה. But since the publication of Joüon's study a new text has been brought to light with the very sequence in question, which cannot mean anything but "the house is yours": בֵּיתָא זִילֵךְ B3.12:30.⁽⁹¹¹⁾ Thus the above-quoted text of B2.3:19 should be rendered: 'that land is yours,' though this leads to a case of object deletion, for the phrase is followed by .. בְּנֵי וְהִבִּי 'Build

⁹⁰⁹ On the incongruence (אֲחֵרִיָּא for אַחֲרָן), see below § 76 d.

⁹¹⁰ Joüon 1934:20f. and Grelot 1972:179 ("pour (le) donner à d'autres ce terrain qui t'appartient").

⁹¹¹ Cowley (1923:25) sees a nominal clause in B2.3:19 (= Cowley 8.19) on the ground that there is a space before אֲרָקָא, though the space is not that large. See further below, § 77 bn and § 90 b.

⁹¹² בְּנֵי וְהִבִּי B2.4:5, which can only mean 'Build that land up!,' does not support Joüon's interpretation of the phrase under consideration at B2.3:19, because the context is different and there is unmistakable emphasis in the latter on the ownership of the plot of the land.

(up) and give ..' Cf. B2.4:5.

e) A noun followed by a disjunctive possessive pronoun may be further followed by a phrase indicating a location introduced by *זי* as in *בין בניא זילי זי בעליתא וחחיתא* 'in my domains which are in the Upper and Lower (Egypt)' A6.7:5; *ביחא זילי זי במדינתכם* 'my estate which is in your province(s)' A6.9:2. Comparing this syntagm and that discussed above in § *d* one might say that a demonstrative pronoun possesses a greater degree of cohesion with a head noun than a locative expression. A phrase such as *ביחא זי במדינתא זילן* would most likely mean 'the estate in our province' rather than 'our estate in the province.'

f) That this syntagm is well suited to bring out contrast seems to be indicated by the following example: "Yo[u brok]e [into my house] by force and struck my wife (וכחש לאנחתי) ..." {and the person denying the charge speaking} "I did [not] break into your house by force and I did not strike the wife of yours (ולאנחתי זילך לא כחשתי) ..." B7.2:4-9.

g) Some ambiguity may arise where a disjunctive possessive pronoun is preceded by two or more coordinate terms: *מן גרדא או מן נכסא אחרנן זילי* 'in the domestic staff or other goods that are mine' A6.10:8 where *זילי* likely qualifies both of the preceding terms, cf. *גרדא ונכסא זילנא* 'the domestic staff and goods that are ours' ib.1.

§ 60. Noun with the preposition Lamed of ownership or affiliation

a) The syntagm [Noun + *ל* + Conjunctive Pronoun or Noun] is often used as a substitute for a synthetic construct chain, mostly where the first noun is indefinite⁹¹², and is largely confined

⁹¹² Cf. § 58 c.

This construction does not appear to be widely known among Semitists. Even Barth (1911:50) explicitly denies its existence. The following Syriac examples have come to our notice: Hos 2.1 *bnayya: lala:ha: hayya: אל בני*; Gn 41.16 *ala:ha: ne'ne: sla:ma: lfer'on* *אלהים יענה שלום פרעה*; Is 40.3 *pannaw urha: lma:rya: watroš bafqa'ta: švile: lala:han;* ib. 62.10 *pannaw urha: lamma: פנו דרך העם*; Gn 45.8 *ava: lfer'on* *אב לפרעה* *πατέρα Φαραω*; Ezr 4.14 *sa'ra: lmalka: ערות מלכא*; 1Sm 16.18 *bra: lišay* *בן לישי*; 1Kg 18.22 *nviya: lala:ha: נביא ליהוה*. Brockelmann (1913: §160) does not quote any example from Aramaic or Syriac, though he duly notes the syntagm in Hebrew, in which it is fairly widespread (Joüon - Muraoka 1991: 130 a-c).

This use of the preposition Lamed is most likely affiliated with its use in the nominal clause expressing possession as in *חרב ליהוה ולגדעון* (Peshitta: *harba: lma:rya: walged'on*) 'the Lord and Gideon have a sword.'

to legal documents.⁽⁹¹³⁾ The noun following such a ל indicates the owner, possessor, authority above or relative of what is indicated by the first noun. The distribution of this syntagm is thus semantically conditioned: the second term indicates an animate entity. In other words, not every construct phrase can be transformed into this analytic form. Such a force of the Lamed is illustrated in בְּנִיךָ אַחֲרֶיךָ 'he shall be yours and of your sons after you' B2.11:9 and בְּנֵי וְאִנְחָה וְאִישׁ לִי 'my children, and a woman or a man related to me' B2.10:10; וּבֵיתָא בִּיתְכִי אַפִּס 'and the house is your house likewise and your children's after you' B2.3:15. Further examples are בֶּרֶךְ לֵה 'a son of his' B2.1:9; אֶרֶץ לְדַרְגָּמָן 'land belonging to Dargamana' B2.2:7; אֲרִידִיכַל לְסוֹן בִּירְחָא 'a builder of Syene the fortress' B2.8:2.⁽⁹¹⁴⁾ Here belongs most likely the ubiquitous בֶּרֶךְ לְדַגַּל as in מִשְׁלַם בֶּרֶךְ זַכּוּר 'Meshullam son of Zaccur, an Aramaean of Syene of the detachment of Varyazata' B3.3:2. This standing expression with לְדַגַּל is never replaced by any other mode of expansion of noun phrases.

b) Instructive is a study of the variety of titles given to "a servitor of YHW":^(914a)

- with ל לַחֲן לִיהָ B3.4:25
- לַחֲן לִיהָ B3.2:2, B3.4:3, B3.10:2, B3.12:10⁽⁹¹⁵⁾
- with זִי לַחֲן זִי יְהָ B3.3:2
- לַחֲן זִי יְהָ B3.5:2, B3.7:2, B3.11:1, B3.12:1
- לַחֲנָא זִי יְהָ B3.10:23, B3.11:17, B3.12:33
- לַחֲנָה זִי יְהָ (f.s.) B3.12:2

Some of the above examples show that the syntagm [Noun + ל] is synonymous with that mediated by זִי, as is also evident in בֶּרֶךְ וּבִרְהָ לְכִי וְאִישׁ זִילְכִי 'a son and daughter of yours and a man of yours' B2.3:12 where there is no perceptible functional opposition between the two structures. Likewise בֶּרֶךְ לֵן is equal to בֶּרֶךְ זִילֵן, as shown by בֶּרֶךְ לֵן וּבִרְהָ אֶחָא וְאִנְחָה לֵן הִנְגִּיתָ וְהַגְבַּגְתָּ וְאֶדְרַגְגְתָּ זִילֵן 'a son of ours and a daughter, a brother and a sister of ours, partner-in-chattel and partner-in-land and guarantor of ours' B3.12:27; בְּנֵין וּבָנָתָן 'our sons and our daughters and our brothers and a

⁹¹³ So Kutscher (1972:102-4), though this does not by itself mean that it is an archaic feature. The only example in a non-legal document is פִּקֵּד לְמַדְיָנָא 'an official of the province' A4.2:6 (לְמַדְיָנָא, an error for לְמַדְיָנָא?).

⁹¹⁴ In this last example, Syene can perhaps be considered to be a personal entity, on the analogy of לַחֲן לִיהָ, an architect in the service of Syene.

^{914a} See also Porten 1996:205, n. 5.

⁹¹⁵ This is a reworked version of לַחֲן זִי יְהָ at line 1.

person of ours' B2.9:10 // בניכם ואחיהם ואיש לכם 'your sons and your brothers and a person of yours' ib. 11. See also B2.11:8,9.⁽⁹¹⁶⁾

c) The synonymy of the syntagm [Noun + Conj. pron.] and [Noun + ל Noun] is evident in: ביתא ביתכי אפם ולבניכי אחריכי 'the house is your house likewise and of your children after you' B2.3:15.

d) Another type of synonymy is between the two syntagmata mentioned above under [b], two noun phrases joined by either ל or וי, as represented in לחן זי יהו B3.12:1, which becomes ליהו לחן in its rewritten version, line 10. See also בר לי וברה לי הנגית זילי 'son of mine or daughter of mine or partner-in-chattel of mine or partner-in-land of mine' B3.10:18.

e) Though outnumbered in our corpus by the attributive use, the predicative one may represent the earlier stage of this use of Lamed and the disjunctive possessive זיל.^(916a)

f) The syntagm [זי + ל + Noun] does not occur. Thus ביתא זילך וזי בניך מן אחריך 'the house is yours indeed and of your children after you' B3.4:16, and not לביך; similarly B2.10:8, B3.5:4. In other words, there is a morphosyntactically conditioned complementary distribution: [-זיל + conj. pron.] as against [זי + noun phrase].⁽⁹¹⁷⁾ This is remarkable, since, where no זי is used, both בר לי 'a son of mine' and לחן ליהו 'a servitor of Yaho's' are attested, as we have seen above.

g) A variation on the pattern just mentioned ([f]) is represented by the opposition in זילכי הו ולבניכי מן אחריכי 'it is yours and your sons after you' B2.7:7 and לא הוה ארק לדרגמן זילי הא אנה 'it was not land of Dargamana, of me, yes, me' B2.2:7.

h) The Lamed in למן זי at לחן זילך וזי בניך מן אחריך B3.4:16 is not of the kind under discussion here as becomes clear when one compares it with אנת ... שליט בביתא וך

⁹¹⁶ That the Lamed in a phrase like לחן ליהו (likewise in פקיד למדינתא 'an official of the province' A4.2:6) resembles the *dativus commodi*, a servitor serving, for the good of, YHW is immaterial, for such an analysis cannot be made to apply to בר לן which is to זילן, what לחן ליהו is to יהו זי לחן.

^{916a} For a similar line of thinking, see Pennacchietti (1968:56).

⁹¹⁷ Thus the often-mentioned resemblance between LBH (MH in particular) and Aramaic in this respect is significantly incomplete, for in the former the preposition Lamed must be present whether the second member is a noun or pronoun: הכרם שלי 'my vineyard' and הכרם שלמלך 'the king's vineyard.' The two Aramaic syntagmata, though both being analytic in character, must have had different origins. On the MH form, see Yalon 1964:26f. and Kutscher 1956:10f.

B3.4:11 'you ... have right to that house and (so do) your children after you and one to whom you desire to give (it)': מן די לה = למן די.⁽⁹¹⁸⁾

i) Where more than one NP is to be qualified by a syntagm [ל + conj. pron. with identical referent] there are attested a number of alternative patterns with respect to the position of the syntagm and its repetition or otherwise:

בר לי וברה לי הנגית זילי והנבג ואדרנג זילי

'son of mine or daughter of mine, partner-in-chattel who is mine or partner-in-land or guarantor who is mine' B3.10:18⁽⁹¹⁹⁾

ובשם בנן ואנתה ואיש לי

'and in the name of children or woman or man of mine' B2.10:12⁽⁹²⁰⁾

בר לי וברה אנתה ואיש

'son of mine or daughter, woman or man' B2.10:13.

§ 61. Noun in the status constructus

a) In בר בשני C1.1:139 the syntactic relationship between the three constituents is (בר + בשני), not בר + בשני 'the son of my belly,' but 'my own son'⁽⁹²¹⁾: cf. BH פָּרִי בְּטֶנְךָ and see below at § d.

b) The close semantic cohesion⁽⁹²²⁾ of the two constituent nouns of a construct phrase is sometimes reflected in their being spelled together: e.g. אַבְנֶצֶרֶף 'dyer's stone' A4.3:3.⁽⁹²³⁾ For more examples, see § 10 c.

c) The logico-semantic relationships between a *nomen regens*, which is the noun head, and a following, *nomen rectum*, displays a remarkably rich variety of relationships.⁽⁹²⁴⁾ The former,

⁹¹⁸ See on the relative clause, § 42 e, and cf. Goshen-Gottstein 1949.

⁹¹⁹ See also בר וברה לכם אח ואחזה אנתה ואיש לכם 'son or daughter of yours, brother or sister, woman or man of yours' B2.10:10.

⁹²⁰ See also בר וברה ואנתה ואיש לכם 'son or daughter or woman or man of yours' B2.10:14.

⁹²¹ Also Lindenberger (1985:504) and Kottsieper (1990:16) "mein eigener Sohn."

⁹²² As noted by Whitehead (1974:219), we find לם breaking up a genitive phrase in מֵרֵאשִׁי לֵם זִי 'the domestic staff of my lady' A6.15:8.

⁹²³ The letter Nun here has the shape of a medial Nun, on which see Naveh 1970:27f.

⁹²⁴ More than one classification system is known. How to "back-transform" a given construct phrase could result in more than one clause: thus Kroeze

in the status constructus, is defined and delimited by the latter in a variety of ways. Such relationships may be classified in terms of underlying syntactic relationships. Morphologically N_1 may be linked with N_2 ⁽⁹²⁵⁾ (a) by the way of construct chain, (b) synthetically by N_2 taking the form of a conjunctive pronoun, and (c) analytically by means of דִּי/וֹי . Where not every one of these three modes of linkage is attested in our corpus, it is not always possible to determine whether it is due to incomplete attestation or not. Moreover, the assignment of a given phrase to one or other of the logico-semantic categories is not always certain. One may thus compare the title מלך אֲחֹר 'the king of Assyria' C1.1:4 with מלך בֶּאֱחֹר ib.5 in a description of his succession. Again, a slave in the ancient world is a possession of his master. So an example such as עֲבָדִיהָ זֵי מִבְּטַחִיָּה 'the slaves of Mibtahiah' B2.11:3, which has been placed below under (ii) *relational* could arguably be classified under (i) *possessive*. But when officers in the Persian administration address their superior with מֶרְאָן 'our lord,' calling themselves עֲבָדִיךָ, such a "possessive" interpretation is patently inappropriate, whereas the "relational" one can cover both.⁽⁹²⁶⁾

i) *possessive*⁽⁹²⁷⁾: N_2 possesses or owns N_1 . Such a possession can be inalienable as is the case with body parts, "my eyes." E.g. a) בִּיד רַכְלִיָּא 'in the hand of the merchants' A4.3:4; בְּצוֹחַ מַלְכָּא 'by the voice of the king' A4.2:14; שְׁמֵהּ נְשִׂאָה 'the names of the women' A4.4:4; בּוֹרַע נִפְשֶׁךָ 'with your own seed' B1.1:4; יְהוֹ אֱלֹהֵא 'the temple of YHW the god' B3.4:9; אֱנוֹרֵי אֱלֹהֵי מִצְרַיִם 'the temples of the gods of Egypt' A4.7:14; אוֹצֵר מַלְכָּא 'the treasury of the king' B3.7:7+; בֵּית מַלְכָּא 'the house of the king' B3.13:6+; דִּינֵי מַלְכָּא 'the judges of the king' B5.1:3; אַנְפֵּי אֶסְרַחְאֲדֹן 'the face of Esarhaddon' C1.1:14; חֵיל אֲחֹר 'the army of Assyria' ib.55; עֲלֵי תִנִּין 'the ribs of a dragon' ib.90; לִבָּב כְּנַחַח 'the heart of his colleague' ib.99; חֵן גְּבֵר 'the grace of a man' ib.132; שֵׁם אֲבוּהֵי 'the name of his father' ib.138; עֵינֵי אֱלֹהִין 'the eyes of gods' ib.172; חֵרֵב חֵילֵךְ 'the

(1993:77) back-transforms אֱלֹהֵי הַשָּׁמַיִם to "the God who created heaven," but it could equally be transformed into "the God who dwells in heaven." See also Kroeze 1991 and Kroeze 1997. Cf. Folmer 1995:262-325; Joüon - Muraoka 1993: § 129 d-h; Waltke-O'Connor 1990: 143-54; Curme 1931:77-88; Quirk, Greenbaum, Leech & Svartvik 1972:193.

⁹²⁵ N_1 and N_2 stand for the referent symbolised by the first noun, nomen regens, and the second noun, nomen rectum, respectively.

⁹²⁶ It is an intriguing sociological question how עֲלֵימָא at זִילֵּי 'the eunuch, the lad (?) of mine' C1.1:63 is to be interpreted in this light.

⁹²⁷ Possession understood in a rather broad sense, including claim and

sword of your troop' ib.4; אלפי מלכא 'the boats of the king' ib.7; בתי אלהיא 'the houses of the gods' C3.5:11; כסף גבריא 'the silver of the men' C3.7Cr2:12+. b) חקלי 'my field' B1.1:3; חלקי 'my portion' ib.11; כחונה 'his garment' C1.1:41; קלה 'his voice' ib.91; דמה 'his blood' ib.184; הדרה 'his glory' ib.92; חרבי 'my sword' ib.110; חמך 'your arrow' ib.126; בחין 'our houses' B4.3:8; נכסי 'my property' A6.3:5; עיני 'my eyes' C1.1:105; גלדי 'my hide' ib.167; שפוחה 'his lips' ib.132; קדלה 'his neck' ib.134; חנכה 'his palate' ib.163; בשרה 'his flesh' ib.184; דרעה 'her arm' D7.9:4,5; רגלהם 'their leg' C1.1:170; פמהם 'their mouth' ib.172; ידכם 'your hand' A4.3:9; גרמיך 'your bones' C1.2:6; שמך 'your name' A4.7:26; אנפכם 'your face' A5.1:4; לבבן 'our heart' B2.9:8; בלך 'your mind' C1.1:81; פמך 'your soul' ib.130; הימנחה ושנאחה 'his loyalty and his hateful characteristic' ib.132; עדבך 'your lot' ib.136; שמההם 'their names' ib.164; כסיכי 'your cover' ib.167; עחרי 'my riches' ib.206; נכסיהם ובהיהם 'their goods and houses' C2.1 III:2 כספך 'your silver' B3.1:11. c) יורנא אוצרא זי מלכא 'the barley-house (?) of the king' A4.5:5; אוצרא זי מלכא 'the treasury of the king' B3.4:9; אטורא זי יהו 'the temple of YHW' A4.7:6+; מדבחא זי יהו 'the altar of YHW' ib.26; חנום זי חנום 'the way of Khnum' B3.4:8; ביתא זילי 'my estate' A6.10:2; חלקא זילי 'the portion of mine' B3.5:9; פלגא דילך 'the half of yours' B3.10:14; ביתא זילי 'the residence of mine' C1.1:48; חילא זילי 'the army of mine' C2.1:16; חילא זי מדי 'the army of Media' C2.1:39; ספינה 1 '1 ship of Glaphyros' C3.7Ev1:11; with a proleptic pronoun—אפולי 'the house of A.' B3.4:4; פגרה זי אחיקר 'the corpse of Ahiqar' C1.1.63; תסהרא זי מלכא 'the barque of the king' C1.2:1.

ii) *relational*: someone is N_1 in relation to N_2 . E.g. a) מרא 'the lord of kings' A1.1:1; עדר בר פסי 'Eder son of Pasai' A2.1:11; סגן נגריא 'chief of the carpenters' A6.2:9; פחת יהוד 'the governor of Judah' A4.7:1; מלך מצרין 'the king of Egypt' ib.13; ריני מדנחא 'the judges of the province' A5.2:7; ספרי מדינחא 'the scribes of the province' A6.1:1; עבד נבו אלהא 'servant of Nabu the god' B8.4:7; מלך אסור 'the king of Assyria' C1.1:4+; יעט אסור כלה 'the counsellor for the whole of Assyria' ib.12; רבי אבי 'the young men of my father' ib.33; בר פנוש 'the son of Punesh' C1.2:2; ברת מחסה 'the daughter of Mahsah' B2.3:36. b) עבדך 'your servant' A1.1:1; מריהם 'their owners' A4.4:8; כנוחה 'his colleagues' A4.7:1, B8.4:2; בעלה 'her husband' B2.6:4+(928); אנתחי 'my wife' B3.3:7+; אבוהי 'his father' B3.6:14;

inalienable possession such as parts of the body.

ברך 'your son' ib.⁽⁹²⁹⁾; ברי 'my son' C1.1:127; אמה 'his mother' B3.7:3; אחתך 'your sister' B3.8:3; מראך 'your master' C1.1:191. c) לחן זי יהו 'a servitor of Yaho' B3.12:1, sim. ib.2; גן זי חנום 'a gardener of Khnum' B3.10:10, B3.11:6; גזא 'the treasury accountants' A6.2:4; פקידא 'the official of mine' A6.13:3; אנתתא זילך 'the wife of yours' B7.2:9 // אנתתי 'my wife' ib.5; גרדא לם זי מראתי 'the domestic staff of my lady' A6.15:8; איש זילן 'a person of ours' B2.9:10; בר וברה 'a son or daughter of Jezaniah' B2.10:13; עבד כרתך זילי 'a Cretan slave of mine' B8.3:1; סרים זילי 'a eunuch of mine' C1.1:61; with a proleptic pronoun—מבטחיה 'the slaves of Mibtahiah' B2.11:3; אבואי זי אסרחאדן 'the father of Esarhaddon' C1.1:47; אבוא 'the father of Assyria' ib.55; אחוהי זי ענני 'the brother of Anani' A4.7:18;

iii) *appositive*: N_1 is known under the name or symbol of, or expressible as N_2 . E.g. a) מדינת נא 'the province of Memphis' A4.2:6, C3.14:35; בירח חמו 'in the month of Tammuz' A4.7:4; מן דמי כסף 'from the year 24 to the year 31' A5.2:6; דמי כסף 'the value of silver, 1 thousand talents' A4.7:28; דגל 'the detachment of Varyazata' B2.2:4; ירח חחוח 'the month of Thoth' B3.13:1; ירח פאפי 'the month of Phaophi' B4.4:1, sim. B4.5:1,5, B5.1:1, C3.7Gr2:14; במח נביה 'in the land of Nbyh' B8.1:17; מאת נביעקב 'the century of Nabuakab' C3.13:54; יום שבה 'the Sabbath day' D7.35:7⁽⁹³⁰⁾; ביום 6 לפאפי 'on the 6th day of

⁹²⁸ Fitzmyer (1971:150), who makes an interesting observation that in Elephantine marriage contracts a man's relationship to his bride is formally and explicitly recorded, whereas her consent to the relationship is not, wonders whether the translation "her husband" is strong enough. Both "husband" and "wife" are terms of relationship. The examples under discussion here may be better placed under that of possession: "her owner" and "my woman," though the Hebrew איש would present a problem.

⁹²⁹ Although a case like ברך may be assigned to (iv) *origin* (so Curme 1931:78), our classification is supported by an utterance such as לך יהיה זי בוך אחרך 'he shall be yours and of your sons after you' B2.11:12, on which see our discussion above. Compare also [וצ] בית עוקה זי שנחאריב 'and the bear[er] of the seal of Sennacherib' C1.1:3 with [צב] ית עוקה יהיה לך 'he will be bea[rer] of a seal for you' ib.19. On the other hand, the preposition Lamed can indicate possession or ownership as in מחא לי חוח 'the land became mine' C2.1:29. But then we are not saying that a "relative" construct or genitive phrase necessarily presupposes the preposition Lamed: see, for instance, "A Margian—king over them (עליהם) they made" C2.1:30.

⁹³⁰ Our analysis does not take the history or etymology of the phrase into account: the abbreviated form שבה 'the Sabbath' D7.16:2 shows that the word

Paophi' A4.2:15⁽⁹³¹⁾. c) if not a scribal error—*חמת שמה זי אמתך* 'Tamet by name, who is your handmaiden' B3.3:3. Here the syntagm **b** is highly unlikely.

iv) *origin*: N_1 originates in or from N_2 . E.g. a) *אגרת ארשם* 'the letter of Arsames' A6.15:4; *עבור ארקחא* 'the grain of the lands' ib.6; *מלח מלך* 'a king's word' B1.1:12, C1.1:84,88; *מלי מנוכי* 'the words of Mannuki' B8.7:2; *מלי אחיקר* 'the words of Ahigar' C1.1:1; *חמר צידן* 'wine of Sidon' C3.12:7. b) *מלי* 'my words' C1.1:4; *אמרך* 'your sayings' ib.86; *כדבחה* 'his lies' ib.133; *מליהם* 'their words' B8.12:1; *עטחה* 'his counsel' C1.1:28, sim. ib.53; *כדבת שפוחא* 'the lies of his lips' ib.132. c) *מליא זי מלכא* 'the words of the king' C1.2:3.

v) *locational and temporal*⁽⁹³²⁾: N_1 is localised in N_2 . E.g. a) *אלה שמיא* 'the god of heaven' A4.3:2⁽⁹³³⁾; *מרא שמיא* 'the lord of heaven' A4.7:15; *אלהי מצרין* 'the gods of Egypt' C1.2:19,25; *בירת* 'the fortress of Elephantine' A4.5:5 // *יב בירחא* ib.; *שכן יב ברחא* 'a dweller of E. the fortress' B3.12:2; *ספרי אוצרא* 'the scribes of the treasury' B4.4:12. c) *ארמי זי סון* 'an Aramaean of Syene' B2.1:2; *יהודין זי יב בירחא* 'Jews of Elephantine the fortress' B2.9:2⁽⁹³⁴⁾; *מלח זי מיא קשיא* 'a boatman of the rough waters' B2.2:11; *רב חילא זי סון* 'the troop commander of Syene' B2.10:4, B3.9:2,3; *ידרן זי מפני* 'a lady of ...' B3.1:2; *ידרן זי יב בירחא* '(the detachment of) Vidarna of Memphis' C3.8 III B:36.⁽⁹³⁵⁾

One may assign here *חמר זי שנת 11* 'wine of year 11' C3.7Gr3:3, and the like.

The syntagm **b** is highly unlikely.

vi) *condition*: N_2 finds itself in a condition denoted by N_1 . E.g. a) *שלם מראי* 'the welfare of my lord' A3.1v:1; *שלם טביא* 'the welfare of the gazelle' C1.1:168; *כיבי אלהיהם* 'the pains of their gods' C1.2:19. b) *שלמך* 'your welfare' A4.4:1.

vii) *membership*: N_1 consists of N_2 's. E.g. a) *גוד אמן* 'domestic staff of craftsmen' A6.10:6; *נפחר קטיליא* 'the total of the killed'

was used as the name of the seventh day of the week.

⁹³¹ That the *יום* here is in the st. cst. is to be inferred by the analogy of *שבת*: see also Fitzmyer 1971:145.

⁹³² Folmer's (1995:318) statement that the first term is always indeterminate is contradicted by one of her own examples, our fourth under (c).

⁹³³ See Lipiński 1994:200f.

⁹³⁴ Cf. *יהודי זי בבירת יב* 'a Jew in the fortress of E.' B2.2:3. See § 68 c, d.

⁹³⁵ The notion of "locational" is more explicit in another syntagm exemplified in *יהודי זי בבירת יב* 'a Jew who is in the fortress of Elephantine' B2.2:3 and the

C2.1:49. c) 'detachments of the Egyptians' A4.5:1.

viii) *material*⁽⁹³⁶⁾: N_1 is made of or from N_2 . E.g. a) 'bronze and iron nails' A6.2:12; 'bronze and iron utensils' B2.9:5; 'woolen and linen garments, bronze and iron utensils' B2.9:5; 'the bronze house' C1.1:121; 'olive oil' B3.8:20; 'brick house' B3.13:11; 'brick house' B3.13:11; '1 leather garment' A2.4:8. c) 'stone pillars' A4.7:9; 'stone gates' ib.; 'hewn stone, stone slab' ib.10; 'the gold and silver basins' ib.12; '1 woolen garment' B2.6:7, also B3.8:6,7,11,13,14,18,19,20; 'brick house' B3.1:9, B3.13:11, B4.3:18; 'cups of bronze' C3.13:1,3 immediately followed by 'silver cup' ib.4, same at ib.13,14; '1 linen tunic' A3.3:11.

The syntagm **b** is rather unlikely in this category. Note 'my woolen garment' B8.2:16.

ix) *time-span*: N_1 is a period of time during which a person referred to by N_2 is active. E.g. a) 'the period of the king of Egypt' A4.7:13. b) 'your days' C1.1:86; C2.1:72.

x) *partitive*: N_1 is part of N_2 . E.g. a) 'the nobles of the Jews' A4.7:19; 'the gateway of your house' B2.1:3; 'the side of my house' ib.5; 'the corner of my house' ib.; 'the beginning of the reign' B2.2:1; 'half of the house' B2.4:11; 'half of the portion' B5.1:3; 'the face of the whole earth' B2.6:19; 'the wall of the large room' B3.10:11; 'the wall of the house' B3.11:5; 'from part of the silver' B4.6:4; 'on the palm of the hand ... on the sole of the foot' B8.6:10; 'the gate of the palace' C1.1:17,23; 'the palace gate' ib.44; 'the corners of your garment' ib.107; 'portion of the oil' C3.7Ar2:4+. b) 'its gates' C1.1:104; 'half of it' B7.3:6,8; c) 'the gateway of the *hyt*' B3.10:15; 'its gate' B3.12:21; with prolepsis—'its chamber, of the house' B3.5:3; 'its part, of the silver 1 sh(ekel)' A2.2:7.

xi) *topical*: N_1 is about N_2 . E.g. a) 'land lease document' B1.1:19; 'document of the wall ...' B2.1:20; 'document of withdrawal' B2.2:22+; 'document of house' B2.3:35, B3.4:25, B3.5:25+; 'document of our division' B2.11:14, sim. ib.17; 'document of wifehood' B3.8:45; 'the document of sale/purchase' B3.12:31;

oath' B7.4; ספר אסרן 'document of obligation' B8.10:1; דין שנאה 'law of hatred' B3.8:39, B6.4:2,6; חשבון עבורא 'the account of grain' C3.28:79. b) מלוה 'particulars concerning it' B3.10:16. The syntagm c is rather unlikely.

xii) *subjective*: N_1 is performed by N_2 . E.g. a) מוע שמש '(place where) the sun comes out' B2.2:8, sim. מערב שמש '(place where) the sun sets' ib.9; מרח שמש 'east' B3.7:7; ממלל מלך 'the speech of a king' C1.1:84. b) עבדתך 'your service' C1.1:21; עבדתהם 'their work' ib.207; בחיי ובמותי 'in my lifetime and upon my death' B2.3:3; בחיך ועד מותך 'in your lifetime and even unto your death' B3.6:12; חטאך 'your sins' ib.50; חמתי 'my wrath' ib.140; הלכתך 'your conduct' C2.1:66.

xiii) *objective*: N_2 is affected by N_1 . E.g. a) ארב פם ... ארב פם 'ambush of mouth ... ambush of battle' C1.1:83; דרכי ארץ 'treaders of the earth' ib.92; מפתח פם 'the opening of the mouth' ib.114, sim. 162; רכבי סוסין 'those mounted on horses' C2.1:44; ... עבד משה 'maker of the oil ...' C3.11:4. b) יסגה בעדרה 'proceeds to his help' C1.1:126. c) לערקה זי דדרש 'to meet Dadarshu' C2.1:15 et passim.

xiv) *contents*⁹³⁷: N_1 consists of N_2 . E.g. a) זפת כסף שקלן 4 'a loan of silver, 4 shekels' B3.1:3⁹³⁸; c) כסף כרשן עשרה 'the penalty of silver, ten karsh' B2.9:14, B2.10:15⁹³⁹; תכונה זי 'cash in silver' B3.8:5.

xv) *purpose*: N_1 is for the purpose or in the service of N_2 . E.g. a) שניתה מקרא 'naming incision' B2.11:4,6; בית קנחנתי 'the house of the shrine' B3.10:9; אגר דרנא 'the wall of the stairway' B3.10:10; מהר אחתך 'mohar for your sister' B3.8:4; אחר עבורא 'the place of grain (= grain depot?) D7.56:6. b) דרגה ותרבצה ... בבבה 'its stairway and its courtyard ... its gate' B3.11:3.

⁹³⁶ Cf. Folmer 1995:312-17.

⁹³⁷ Akin to vii) *membership*. This category is further affiliated to that of apposition, (iii) above, as shown by two phrases, mentioned by Folmer (1995:317), analogous to the second example quoted here: אבנרן כסף כרשן 10 'a penalty of silver 10 karsh' B3.7:17 and כסף אבנרן כרשן חדר 1 'silver, a penalty of one karsh, 1' B3.13:6.

⁹³⁸ According to Jouön (1934:40f.) זפת is in the st.abs., though I fail to follow his logic: "זפת est à l'accusatif, et donc à l'état indéterminé et non à l'état construit" (ib., p. 40).

⁹³⁹ Parallel to an apposition: אבנרנא כסף צריף כרשן עשרה B2.11:10, sim. B3.8:31; 50 אבנרן כסף כרשן B3.6:8,14, sim. B3.7:17, B3.9:7, B5.5:6. The first example suggests that אבנרן in the second cannot be in the st. cst. Cf. also

xvi) *species*⁽⁹⁴⁰⁾: N_2 is a species of N_1 . E.g. a) אבן שש 'alabaster stone' B3.8:18.⁽⁹⁴¹⁾

xvii) *classificatory*: N_1 is to be classified under the label of N_2 . E.g. a) כסף יון 'Greek silver' B3.12:5; כתן איששרי 'ytšry flax' C3.11:4 (?); זרע קטין 'cucumber seed' D7.3:2; זרע דלען 'pumpkin seed' ib.6; אלפי עבורה 'grain boats' D7.2:4

xviii) *qualitative*: N_1 is characterised by N_2 . E.g. a) יום רוח 'a day of wind, a windy day' C1.1:104; שחר חמס 'malicious witness' ib.140; בחרב חילך 'with your mighty sword' C1.2:4. It is to be doubted that the syntagm **b** could occur in this category.

xix) *miscellaneous*. Here are gathered those examples in which we are not able to formulate a logical relationship between the two terms. A considerable number of them is comprised by those in which N_1 is בעל. Only the syntagm **a**) is attested, and the other two are highly unlikely. In some cases בעל denotes a person who is possessed of what is denoted by N_2 or who is a member of a social or communal body denoted by N_2 . E.g., בעל 'the master of good counsel' C1.1:42; בעל אגר 'a master of wages (= employer)' ib.100; בעל טבתכם 'your friend' D7.1:3; בעלי טבתך 'your friends' A4.7:23⁽⁹⁴²⁾; בעל פתורה 'members of the table' C3.27:22; בעל דגל 'a member of a detachment' B2.1:9; בעל דגל ובעל קריה 'a member of a detachment and a member of a town' B2.7:10; בעלי יב⁽⁹⁴³⁾ 'the citizens of Elephantine' A4.7:22.

Other examples are more difficult to classify. Some indicate weights and measures, and others have to do with values. These are, however, meanings of the first terms, and the *logical relationship between the two terms* remains obscure. Thus אבני מלכא 'the royal weights' ib.7; אבני פתח 'the stone(-weight)s of Ptah' B4.2:2; מתקלת מלכא 'the royal measures' B2.11:11, B3.9:8; משהת ביתא וך 'the boundaries of that land' B2.2:7; משהת ביתא וך 'the measurements of that house' B3.5:5; בריום '(1) day old' D7.37:2; 100 ברת שן '100 years-old female' B3.5:17; מרביח כספך 'the interest

[5] דמוהי כסף שקלן 'its price [5] shekels' B3.2:7.

⁹⁴⁰ This term is used by Folmer (1995:317f.) in a broader sense.

⁹⁴¹ At A4.7:11 the scribe initially wrote עקדי ארז 'cedar trees', subsequently converting the first word to עקדן and adding וי above the line, a reading which agrees with the revised version at A4.8:10.

⁹⁴² A calque of an Akkadian idiom, *be:l ta:btī*, immediately followed by an Aramaic gloss, רחמך.

⁹⁴³ A Northwest Semitic lexical isogloss: see Porten 1996:143, n. 71.

^{943a} Cf. Grelot (1972:417): "le sanctuaire de YahoΔ notre Dieu," perhaps in opposition to the above-quoted designation, "the temples of the gods of

on your silver' B4.2:3; סתר ארזא 'the concealment of the cedar' C1.1:111; מכס פטאסי 'the tax of Peteisi' C3.11:8; יחרן כספא 'the surplus of the silver' ib.6; כסף שנאה 'silver of hatred' B2.6:23+; דמי נכסיה 'the value of the goods' B3.3:6; דמי ביתן 'the price of our house' B3.12:5; דמי נויך 'the value of your fish' B7.1:5; דמי נחרא 'the value of the natron' C3.7Kv2:4+; דמי כסף 'silver value' B2.7:6, B3.8:15,23, which, however, does not mean "value of silver," but value of some commodity expressed in that of silver. Here we find a few cases of the syntagm **b**): משחחה 'its measurements' B2.3:4; דמיה 'its value' B2.7:3; תחומיה 'its boundaries' B2.10:8+; מרביחה 'its interest, i.e. interest accruing from a loan' B3.1:4,8,15,16; B4.2:8,9 (origin?).

d) In a concatenation of two or more successive cst. nouns in which each constituent is subordinate to what precedes, their immediate constituent hierarchy can vary:

$[N_1 + [N_2 + N_3]]$ —יומי מלך מצרין 'the days of the king of Egypt' A4.7:13; אנורי אלהי מצרין 'the temples of the gods of Egypt' ib.14; בית מראן 'the house of our lord' A4.10:13 // אנורי אלהין '... of the Egyptians' A4.8:13; ספר חוב חקל 'land lease document' B1.1:19; גרדא זי מראתי 'the domestic staff of my lady' A6.15:8.

$[[N_1 + N_2] + N_3]$ —רב חילא זי סון 'the troop commander of Syene' A5.2:7; יהו אלהא זילן 'our temple of YHW the god' A4.10:8.^(943a)

Ambiguity arises where N_3 is transformed into a conjunctive pronoun: e.g. ספר אנחתכי B3.11:7,9, בר בטני C1.1:139, and בעל מבתכם D7.1:3, which are best analysed as $[[N_1 + N_2] + N_3]$, 'your document of wifehood,' 'my own child'⁽⁹⁴⁴⁾, and 'your friend' respectively, whereas דמי ביתן 'the price of our house' B3.12:5 is obviously of the type $[N_1 + [N_2 + N_3]]$. So are כנפי לבושך 'the corners of your garment' C1.1:107, שם אבוי 'the name of his father' ib.138, מפתח פמה 'the opening of his mouth' ib.162, and כיבי אלהיהם 'the pains of their gods' C1.2:19.

e) On the other hand, where N_2 is in the form of a conjunctive pronoun, the analytical structure is unambiguous: לבשי זי קמר 'my woolen garment' B8.2:16. We doubt indeed whether our idiom would allow here, like קדשי הר 'my holy mountain' in BH, *לבש קמרי.

f) Where a sequence $[N_1 + N_2 + N_3 (= \text{conj. pron.})]$ is further followed by a demonstrative pronoun, there could arise a

Egypt(ians)."

syntactic ambiguity as in דמי עבדי אלך 'that value of my slaves' or 'the value of those slaves of mine' B8.7:1, though the latter is more likely.

g) Where the second component consists of more than one coordinate term, namely $[N_1 + [N_2 + \text{"and"} + N_3]]$, the syntagm may be shorthand for $[[N_1 + N_2] \text{"and"} [N_1 + N_3]]$: e.g. מאן נחש B3.13:11 means 'bronze utensil(s) and iron utensils' rather than utensils of alloy. Similar consideration applies where the analytic syntagm is used as in זהבא וכסף 'the gold and silver basins' A4.7:12 // זהבא וזי כספא A4.8:11. See also בעל דגל וקרית 'bronze and iron nails' A6.2:12; מסמרי נחש ופרזל 'member of a detachment or town' B2.1:9, cp. בעל דגל ובעל קריה B2.7:10; לבשי קמר וכתן מאני נחש ופרזל מאני עק וחוצן 'woolen and linen garments, bronze and iron utensils, wooden and palm-leaf utensils' B2.9:5.

h) A clause may occupy the slot of a *nomen rectum*: e.g. עד [ך] 'until the day that I pay it to y[ou]' B4.2:3,10, with which compare וירחא זי לא אנתן לך בה מרבית 'and the month in which I do not give you interest' B4.2:4, where one should note the st. det. of ירחא and the anaphoric בה.⁽⁹⁴⁵⁾ Likewise זי ביום 'on the day that you wash it, you should shear it' D7.8:6; בעדן זי זא באשתא עביר לן 'at the time when this evil was done to us' A4.7:17; מן יום זי אולת 'since the day that you went' A3.3:2; מן יום זי נפקתם 'since the day that you left' ib.3; אתה תהשכח] ... 'you shall seek a (or: the place) where you will find [...]' C1.1:34.⁽⁹⁴⁶⁾

i) In the light of some Aramaic dialects and particularly Hebrew, our idiom presumably also knew the use of the adjective in the status constructus.⁽⁹⁴⁷⁾ E.g. חכים ממלל 'wise/skilful with respect to speech' C1.1:114; עיר עינין 'blind with respect to eyes' ib.212; חרש אדנין 'deaf with respect to ears' ib.215. Instead of ימין סב 'old of days' B3.10:17 one expects: ימין סב.⁽⁹⁴⁸⁾

⁹⁴⁴ As against 'adopted child.'

⁹⁴⁵ On a comparable syntactic phenomenon in Hebrew, see Joüon - Muraoka 1993: § 129 *p, q*.

⁹⁴⁶ The last example is mentioned by Degen (1979:43).

All the examples collected by Fitzmyer (1962:18) should be similarly interpreted, not (*pace* Fitzmyer) as st. abs. For an analysis similar to ours, see also Lambdin 1971:318, n. 7. See also above at § 42 *b* end.

⁹⁴⁷ See Muraoka 1977 on Biblical Hebrew, and Muraoka 1987:50f. on Syriac.

⁹⁴⁸ Cf. Dn 7.9 ימין סב. עתיק יומין, *pace* Kraeling (1969:242), cannot be a participle,

j) An unusually long construct chain is exemplified by עֲבַד יִשְׂרָאֵל מַשְׁחָה זֶרַע כֹּתָן אֵי־שֶׁשׁ 'maker of oil of seed of *ytšry* flax' C3.11:4:

$[N_1 + [N_2 + [N_3 + [N_4 + N_5]]]]$.

Not only is the hierarchy "multi-storeyed," but it represents diverse kinds of logico-semantic relationship. $[N_1 + \dots N_5]]]$ is objective, $[N_2 + \dots N_5]]]$ is that of material, $[N_3 + \dots N_5]]]$ is species(?), whilst the last cst. phrase, $[N_4 + N_5]$ is classificatory.

§ 62. Noun + וְ + Noun: periphrasis

The question of possible opposition between various patterns joining a noun head and its modifier whether this latter be another noun or a possessive pronoun has already been examined under several headings: noun in the status constructus + noun (§ 61), noun + demonstrative pronoun (§ 65), noun + לְ with a noun or a conjunctive pronoun (§ 60), noun + a disjunctive possessive pronoun, i.e. וְלִי (§ 59). Here we shall focus on possible opposition between the two patterns, namely [noun in the st.cst. + noun] and [noun וְ noun]. Despite some past attempts to establish functional oppositions between the analytic structure with וְ and the synthetic one⁹⁴⁹, it does not seem to us always possible to establish clear *functional* opposition between the two structures.⁹⁵⁰ There seem to be factors other than functional

for which סִיב is expected.

⁹⁴⁹ This analytical structure has been studied in Muraoka 1966:153-55, where, with special reference to BA, some features of opposition between this structure and the synthetic one have been identified; in Kaddari 1969 where the analytical structure has been discussed with reference to IA with the focus on the determinate or indeterminate nature of the nomen rectum; and in Garr 1990 where an attempt is made to demonstrate that the feature of prominence or importance is characteristic of the analytical structure, though sufficient consideration is not given to the question which of the two nouns is accorded prominence. Folmer (1995:311) is sympathetic to Garr's position.

Degen 1969:89: "Die Umschreibung des Genitivs mit zy wird nötig, wenn das Regens determiniert ist," where he must have meant that with such a zy the determination of the regens becomes unambiguous, for surely כִּרְסָא in יְהוָה אֲבִי 'the throne of my father,' for instance, must be considered determinate.

⁹⁵⁰ A meticulous analysis by Folmer (1995:301-3) of the syntagm in which the first term is בֵּית does not appear to have resulted in a clear-cut demarcation between the two syntagmata.

Folmer (1995:288) draws attention to an intriguing pair of the two contrasting syntagmata: אֱלֹהֵי מִצְרָיִם 'the temples of the gods of Egypt' A4.7:14 as against אֱלֹהֵי יְהוָה 'the temple of YHWH the god' ib.24 (with a few more analogous examples in this document and its revision, A4.8). Folmer thinks

opposition involved. At least one thing is certain: the analytic structure is not an innovation of IA, for the Tell Fekheriyeh bilingual has as many as five examples of it⁽⁹⁵¹⁾, which at the same time confirms the long-suspected Akkadian influence of the feature, though in the bilingual the Assyrian version uses *ša* only in one out of the five cases. Hardly any functional opposition is evident between *אֵלֹהִים יְהוָה* 'the temple of YHW the god' B3.4:9 and *אֵלֹהִים זֵי יְהוָה* B3.12:18, both in very similar context and penned by the same scribe, Haggai son of Shemaiah. Likewise *אֹצֶר מַלְכָּא* 'the royal treasury' B3.11:4 vs. *אֹצֶר זֵי מַלְכָּא* B3.4:9, both by Haggai; *פְּתָכָר סוּסָא עִם רִכְבָּהּ* 'a statue of a horse with its rider' A6.12:2 preceded by *פְּתָכָר זֵי פָרֶשׁ* 'statues of a horseman.'⁽⁹⁵²⁾

If it is found difficult to establish clear functional oppositions between the two syntagmata, synthetic and analytical, there appear to be some semantic constraints on the choice of either of the two. According to Folmer (1995:311) "inalienable possession is expressed more frequently by the construct noun phrase." Thus no instance of the analytical syntagm is found in which the first term denotes part of body.

a) There are certain collocations which occur only in the synthetic structure⁽⁹⁵³⁾: e.g. *אֲבָנֵי מַלְכָּא* 'the royal weights' B2.2:14 +31x; *אֲבָנֵי פֶתַח* 'the stone weights of Ptah' B4.2:2; *שׁוּק מַלְכָּא* 'the street of the king' B3.4:8+6x, perhaps almost a name "King

that the synthetic syntagm serves a purpose of showing that the phrase is about heathen gods. But how does this square with the fact, also stressed by Folmer, that *בֵּית*, in combination with a divine name, pagan or otherwise, never enters the analytical syntagm?

⁹⁵¹ Muraoka 1983-84:101-3. Thus we must now nuance the position expressed by Kaddari (1969:103) that the later a document, the more frequent the analytic structure becomes. Nor is the relatively sparing—so according to Whitehead—use of the analytical syntagm in the Arsames correspondence, *pace* Whitehead (1974:266), indicative of "an early stage in the development of the language." The issue is not only one of chronology. See also Folmer (1995:259-325, esp. 284), who shows, *inter alia*, that the analytic syntagm with kinship terms as N₁ is especially frequent in texts of eastern origin.

⁹⁵² The last pair is mentioned by Folmer, though she does not draw the same conclusion as we.

Whitehead (1974:219) correctly states that *עַבְדֵּי אֱלֹהִים* 'servants of A.' A6.3:2 and *עַבְדֵּי עַחְחָפִי* ib.7 are not free variants, for the latter refers back to the former.

⁹⁵³ In the course of his discussion of three distinct syntagmata used in English to express the "genitive," Jespersen (1909-31: 7.318) mentions fixed phrases as a category where the genitive dominates, citing, among others,

Street" or "Royal Parade"; מועד/ה שמש 'east' B2.3:6+11x; מערב 'west' B2.7:15+10x; רבחיל 'troop commander' A4.7:7+10x⁽⁹⁵⁴⁾; followed by a divine name, foreign or otherwise⁽⁹⁵⁵⁾ as in בית יהו 'the temple of YHW in Elephantine' A3.3:1, בית נבו 'the temple of Nabu' A2.3:1+. Here belong most likely those collocations with בעל as in בעל עטתא טבחה 'the master of good counsel' C1.1:42; בעל אגר 'a master of wages (= employer)' ib.100; בעל טבחכם 'your friend' D7.1:3; פחורא בעלי 'members of the table' C3.27:22; בעלי יב 'the citizens of Elephantine' A4.7:22; בעל דגל 'member of a detachment' B2.1:9. So also בר in indicating age: בריום '(1) day old' D7.37:2; 100 ברה שן 100 '100 years-old female' B3.5:17.

b) Limited distribution is observable in some of the logico-semantic categories mentioned above (§ 48), though for certain categories we have not sufficient data to allow us to make confident assertions. Thus ספר 'document,' as in ספר אנתו 'document of wifehood' B3.8:45, is always (27x) followed directly by another noun indicating the subject matter of the document (§ 48 xi). It is also doubtful that the analytical structure has ever been used to indicate apposition (§ 48 iii).

c) The analytical structure is a handy substitute when the N_1 is an indeclinable proper noun as in וידרן זי מנפי (דגל) '(the detachment of) Vidarna of Memphis' C3.8IIIB:36; המרכריא זי גזוא 'the treasury accountants' A6.2:4.⁽⁹⁵⁶⁾

d) A phrase of four concatenated construct nouns such as mentioned above in § 61 j is extremely rare. Not only that, in a case like בית מרבחא זי אלה שמיא 'the altar of the God of Heaven' A4.9:3 the analytical structure has the advantage of unambiguously formalising the hierarchical structure obtaining between the four nouns, i.e. $[[N_1 + N_2] + [N_3 + N_4]]$, and a concatenation of the four nouns as בית מרבח אלה שמיא is rather unlikely. Similarly in BA: e.g. Ezr 7.12,21 ספר דתא די-אלה שמיא 'the scribe of the law of God of Heaven.'⁽⁹⁵⁷⁾

e) In lists as found particularly in marriage contracts, an adjective comes at the end of an analytical noun phrase. This is

"the king's English" as distinct from "the English of the king."

⁹⁵⁴ The degree of cohesion is also indicated by the fact that the collocation is sometimes spelled without any space in-between. See above § 10 c.

⁹⁵⁵ As pointed out by Folmer (1995:287).

⁹⁵⁶ Whitehead (1974:216) points out that, in the Arsames correspondence, the analytical structure is almost exclusively confined to cases where N_1 is a Persian loan word. See § 40 end.

evident in חצן חדת '1 new palm-leaf box(?)' B2.6:11 where the adjective חדת cannot modify the plural חצן. See also ... כסן זי נחש 2 '1 bronze bowl worth ...' B2.6:1, 2 נחש זי ... 'bronze cups, 2, worth ...' B2.6:12, and לבנש 1 בלה 'one worn garment' where בלה is opposed to חדת 'new' and לבש 1 זי B2.6:7 must mean '1 new woolen garment,' and not '1 garment of new wool.'

f) When N_1 takes a cardinal numeral, especially 'one,' and is further qualified by a following noun phrase, the analytical syntagm is definitely preferred: e.g. מחזי 1 זי נחש '1 bronze mirror' B2.6:11 // 2 נחש זי כסן 'bronze cups, 2' ib.12; חצן חדת '1 new palm-leaf box(?)' ib.16; לבש 1 זי עמר '1 woolen garment' B3.3:4. The length of the N_2 phrase virtually precludes the use of the synthetic structure in ידן עמר חדת חטב צבע '1 new woolen garment, striped with dye doubly-well' B2.6:7. Note also לבש אחרן זי עמר נשחט 'another garment of finely-woven(?) wool' B2.6:10 where אחרן functions like a quantifier.⁽⁹⁵⁸⁾

g) As will be shown in § 65 b, a demonstrative pronoun may follow a construct phrase [$N_1 + N_2$], even when the pronoun modifies N_1 . In the following case, however, such a syntax would have resulted in a rather awkward phrase, which may have been the reason for the choice of the analytical structure: דגלא (or: חילא) 'this detachment (or: troop) of the century of Betheltakum' B4.4:10.

h) In the following case the use of the analytical structure is dictated by the fact that the N_1 consists of two coordinate nouns: בר וברה זי יניה בר אוריה 'son or daughter of Jezaniah son of Uriah' B2.10:13. Otherwise a wholesale rewriting would have been necessary.

i) Where N_1 is meant as indeterminate, the analytical structure makes that explicit⁽⁹⁵⁹⁾: e.g. רגלן זי מצריא 'detachments of the Egyptians' A4.5:1; חרען זי אבן 'stone gates' A4.7:9; אבן זי פסילה 'stone slab' ib.10; נחש זי כסן 'bronze plates' A6.2:16 // נחש זי מסמרי

⁹⁵⁷ Cf. our discussion in Muraoka 1966:153f.

⁹⁵⁸ The obscure, last word might be construed with לבש.

⁹⁵⁹ A generalising statement such as "determination [of N_1] was demanded by the relative construction itself" (Garr 1985:174) is simply false. Nor is it necessary to consider with Tsereteli (1991:1575) the possibility of N_1 being in the st. cst.: the use of the st. cst. and that of the analytical syntagm are mutually exclusive. By the same token a noun with a possessive suffix is not necessarily determinate: Ex 2.21 צפורה בתו where Zipporah was one of Reuel's seven daughters, and this is the first mention of her in the story. See Joüon -

'bronze and iron nails' ib.12; 'brick house' B3.1:9+; 'boatman of the rough waters' B2.2:11; 'royal builder' B2.6:2; 'Aramaean of Syene' B2.7:2+; 'son of A.'s' B3.4:21 // 'daughter of his' ib.22; 'servitor of YHW the God' B3.7:2 // 'gardener of Khnum the god' B3.10:10, B3.11:6; 'gateway of the *hyt*' B3.10:15.

j) Kaddari (1969:103) has justly underlined the factor of genre as relevant and important to our question: the analytical structure is more than three times as frequent in the narrative framework of Ahiqar as in the proverbs. In a document similar in nature to the narrative framework of Ahiqar, the tale of Ḥor son of Punesh, C1.2, we find only two instances of the analytical structure but six of the synthetic.⁽⁹⁶¹⁾ Private letters such as the Hermopolis papyri (A2.1-7)⁽⁹⁶²⁾ and the Padua letters (A3.3-4) are remarkably and virtually free from the periphrastic structure. Another set of documents similar in nature, D7.1-57, contains only two analytical phrases: 'the barley of Khnum' D7.39:3 and 'the brother of Tam' D7.57:4. By contrast, documents composed in the officialese of IA are replete with analytical *וּ* phrases. Hence one may conclude that the analytical structure first pervaded official documents and annalistic accounts in which the influence of the language of the political masters, Akkadian, can be safely assumed, whereas literary documents and private papers remained long immune to such an innovation.

k) This survey shows that the analytical structure by means of *וּ* has opened up new possibilities to express ideas and logical relationships which would otherwise have been outright impossible to express or which could have been at best expressed in rather clumsy manners or circumlocutions. This applies to a disjunctive possessive pronoun, without which a highly personal touch as in 'Tetosiri of ours' D7.9:3 would have been

⁹⁶⁰ On the contrast to the structure with *-ל*, see § 60.

⁹⁶¹ 'the words of the king' (1), 'the barque of the king' (3) vs. 'the sword of your troops' (4), 'the boats of the king' (7), 'the pains of their gods' (19), 'the gods of Egypt' (19,25), 'the sons of their masters' (24). The name פְּתוּשׁ has not been counted.

⁹⁶² The sole exception is 'the son-in-law of Nabusha' A2.6:3.

impossible, for a proper noun never takes a disjunctive pronoun.

§ 63. Prolepsis

This is a typically Aramaic⁽⁹⁶³⁾ phenomenon in which a noun syntactically dependent on the following noun receives in advance a conjunctive pronoun in the third person agreeing with the latter in gender and number, and the two nouns are further linked by means of *זי*: e.g. *אבֹהַ זי אַחור כלה* 'the father of the entire Assyria' C1.1:55; *אבֹהַ זי אסרחדון ונה מלכא* 'the father of Esarhaddon this king' ib.47⁽⁹⁶⁴⁾; *אמִהָה זי עלימיא אלה* 'the mother of these lads' B2.11:13; *אחיהם זי תם* 'the brother of Tam' D7.57:4; *ציריהם זי* 'the hinges of those doors' A4.7:10; *אחיהם זי ענני* 'the brother of Anani' ib.18. Given the high incidence of the feature, it is unwarranted to speculate whether the *ה* in, for instance, *פגרה זי אחיקר ונה* 'the corpse of this Ahiqar' C1.1:63, is a graphic variant of *א* for the st. det. Likewise *עבדיה זי מבטחיה אמן* 'the slaves of Mibtahiah our mother' B2.11:3. Other examples may be found at A2.6:3 (probably⁽⁹⁶⁵⁾), A6.4:2, A6.11:3,4, A2.6:18, A2.11:3, A3.11:6, A3.12:4, A4.4:6,10, C1.1:3.

*N*₂ always refers to a person, mostly a personal name, thus determinate, with the sole exception of *ציריהם זי דששיא אלך* 'the hinges of those doors' A4.7:10.

That the second term in this syntagm is always determined is rightly stressed by Folmer (1995:303).⁽⁹⁶⁶⁾

⁹⁶³ See Kaufman 1974:132—"to be ascribed at least partially to Babylonian influence." Kutscher (1972:106-9) is in no doubt. Even under the assumption that the Aramaic version of the Bisitun inscription is a translation of the Akkadian—see, however, below at § 78 *ch*, n. 97a—the translator did not work slavishly, for these two standing phrases coined apparently under the Akkadian influence, namely *במִלְכָּא זי* 'under the protection of' and *לערקָה זי* 'to meet,' have their Akkadian model without a proleptic pronoun: e.g. *ina GIS.MI ša ú-ra-mi-iz-da* (line 50) and *ana [tar]-ši "da-da-[ar-šú]* (line 49). The idiom is thus no longer a slavish Akkadianism. See von Soden 1995: § 138 *j-k*. Diem (1986:238f.) plausibly seeks the origin of this type of prolepsis in apposition. For a wider, comparative-Semitic perspective, see Barth 1911, Pennacchietti 1968, Diem 1986, and Hopkins 1997a and idem, 1997b.

⁹⁶⁴ Or: "the father of this E. the king."

⁹⁶⁵ The ambiguity arising from the practice of writing *ה* instead of *א* in most of the Hermopolis letters (§ 16 *f*) is resolved by Folmer (1995:277) by observing that "kinship terms in other texts never have the emphatic state form morpheme when they are the first term of a *zy*-phrase."

⁹⁶⁶ In the case of Classical Syriac, which shows perhaps the richest variety of proleptic constructions and the most extensive use of them this condition

In the Bisitun inscription (C2.1) one often finds בַּטְלָא זִי (l) 'with the protection of' (⁹⁶⁷) and לַעֲרַעֵק זִי 'in order to face' used in a similar fashion, and both are virtually prepositional in force: [בַּטְלָא זִי אַהֲרָמָא] C2.1:10 and אֶזְלוּ לַעֲרַקָה זִי דַּדַּרְשֻׁ קַרְבַּ 'they went towards Dadarshu to do battle' ib.15. (⁹⁶⁸) One recalls a similar feature in Syr.: e.g., *'amme:h d-malka*: 'with the king.' (⁹⁶⁹)

If an authentic reading, תְּחֻמֵּי בֵּיתָא 'the boundaries of the house' B3.12:17 is extraordinary, whilst in the first version of the text we read תְּחֻמֵּי בֵּיתָא ib.9.

This syntactic feature is attested from a very early period of our corpus: Hermopolis papyrus A2.6 (end 6th/early 5th c.), Ahigar (6th c.), B4.4 (483), B2.6 (449). (⁹⁷⁰)

Prolepsis in our idiom has not been extended to other syntactic structures, for instance, a prepositional phrase, an object of the verb, as is highly common in Classical Syriac. (⁹⁷¹)

applies to all types of prolepsis: Muraoka 1987: § 88, 109; Muraoka 1997b: § 112.

⁹⁶⁷ Folmer (1995:309) mentions an example without prolepsis: בַּטְלָא אֱלֹהֵי שָׁמַיָא 'with the protection of the God of Heaven' A4.3:5.

Folmer (1995:312), who states "... the proleptic pron. sf. [= pronominal suffix] is found especially in combination with nouns which refer to slaves and real-estate property, and only rarely in combination with other nouns," would have to exclude a large number of examples in the Bisitun inscription with these two phrases. Reference to slaves as the first term we find only once (B2.11:3). Her more general conclusions must be judged in the light of all the data and their evaluation. A glance at our examples above contradicts Diem's (1986:238) position that in Early Aramaic this syntagm is typical of inalienable relationship.

⁹⁶⁸ Cf. the standard rendering in TO of BH, e.g. Gn 46.29, also an infinitive.

⁹⁶⁹ See Nöldeke 1898: § 222.

⁹⁷⁰ In contrast to Rowley (102), who writes that it is "mostly found in the later texts."

⁹⁷¹ See Muraoka 1995: § 109, Muraoka 1997b: 112. Nor does our idiom attest to yet another proleptic syntagm, *bayte:h l-malka*:, known to some Semitic languages, both classical and modern. On this last syntagm, see Hopkins 1997a and idem, 1997b, who, like Barth (1911:50) with respect to Classical Ethiopic and in view of structural similarities with some cognates, explains this syntagm as analogical development of a similar syntagm for the expression of the direct object of a verb, i.e. *qaṭle:h l-malka*:, both examples taken from Classical Syriac. For Aramaic, however, this would lead to a rather lopsided structure, for to the latter there would correspond two syntagms, namely the standard and better known *bayte:h d-malka*: and the extremely rare *bayte:h l-malka*:. Significantly Hopkins's as well as Barth's scheme lack

§ 64. Noun with a relative clause

a) A noun phrase may be expanded by a clause introduced by the relative pronoun *וְי* or *וְי*. For a discussion of the relative clause, see above, § 42 *a-b*.

b) An extremely rare case of an asyndetic relative clause, namely with no relative pronoun, appears to be found in *אִישׁ שְׁפִיר מְדָדָה וְלִבָּהּ טֹב כְּקֶרֶן* [י]ה חֲסִינָה 'A man whose stature is beautiful and whose heart is good is like a strong city' C1.1:95; *גִּבּוֹר לֹא* 'a man with no sense whatsoever' C1.1:82 with a categorical negative: cf. *בְּהָא אֵין לֹא אִישׁ* 'a land without anybody' Job 38.26.⁽⁹⁷²⁾

§ 65. Noun with a demonstrative pronoun

a) A demonstrative pronoun used as a constituent of a noun phrase may either precede or follow its noun head, though in the great majority of cases it follows.⁽⁹⁷³⁾ Some examples of preceding demonstratives are: *זֶה סֵפֶר* 'this document' B2.7:12; *זֶה יוֹמָא* 'this day' A4.7:20; *זֶה בֵּיתָא* 'this house' B2.7:7, B3.10:15 (extraposition in both)⁽⁹⁷⁴⁾; *זֶה בְּאַיְשָׁתָא* 'this evil' A4.7:10; *בּוֹזָא שְׁנָזָא* 'in this year' B8.10:3, C1.2:5; *בְּאַלְהָ מְלִיָּא* 'with these words' B8.7:3; *זֶה בֵּיתָא* 'that house' B2.7:15; *בּוֹךְ עֲדָנָא* 'at that time' C1.1:70; *אַלְךְ* 'those possessions' B2.9:8, *אַלְהָ נְכֻסִּיָּא* 'these possessions' ib.15.

The choice of the sequence with a preceding demonstrative does not appear to be a matter of individual style⁽⁹⁷⁵⁾ nor is there any historical development to be observed. To establish some meaningful opposition between the two sequences is not easy.⁽⁹⁷⁶⁾

a sixth syntagm of "possession," namely *bay l-malka*: (§ 60), which Hopkins merely mentions en passant (Hopkins 1997a:353 = idem, 1997b:27). The syntagm in question seems to us to be an extension of this latter, the distinction between the two being in the determinedness feature of the first term. Incidentally, to three Syriac examples reportedly noticed by G. Goldenberg we may add John 2.3 *emme:h lišo* ἡ μὴδὲ τοῦ Ἰησοῦ.

⁹⁷² Cf. further Joüon - Muraoka 1993:§ 160 *o, oa*.

⁹⁷³ Cf. Folmer 1995: 325-40.

⁹⁷⁴ On the extraposition or casus pendens construction, see below § 79.

⁹⁷⁵ Is it of any significance that the sequence occurs three times in B2.7 (lines 7,12,15) written by Nathan son of Ananiah and four times in three different documents penned by Mauziah son of Nathan (B2.9:8,15, B2.10:8, B3.5:11) ? Another scribe, Haggai, however, is not strictly consistent: compare B3.10:15 and B3.11:7 with B3.12:22.

⁹⁷⁶ Degen (1979:42) has not demonstrated his assertion: "Nur betont stehen sie [= Demonstrativpronomina] voran."

In part of the Elephantine contracts the demonstrative pronoun precedes its noun head at the end of a logical sequence, rounding off an inclusio: thus "this house (ביתא זנה) whose measurements and boundaries are written in this document ..." B3.10:11 vs. "This {this} house (זנה זנא ביתא) whose boundaries and measurements are written in this document" ib.15; 'אלך נכסיה 'these properties' B2.9:8 rounding off a statement which started with איתנן נכסיה 'there are the(se) goods' ib. 5. Likewise at B2.9:15, B2.10:8 and B3.11:7. However, we are confronted with a pair such as זנה ספרא at line 16: 'this document that I Anani have written is the valid one' B3.11:16 and זנה ספרא זנה זי אנה עבדת לכי הו מיצב 'this document which I made for you, that is the validated one' B3.10:22. Both statements constitute an inclusio, display the identical syntactic feature, that of cleft-sentence with extraposing הו, were penned by the same scribe, separated by a mere two years, and are concerned with the same piece of property. In the former, the marked sequence, it may be possible to recognise a touch of emphasis. One may also say that the ante-position of the demonstrative is suited to an emotionally charged document such as זא באישתא A4.7: 'this wickedness' (line 17) and עדזנה יומא 'until this very day' (line 20, and in a second copy of same document, A4.8:19).⁽⁹⁷⁷⁾ Contrast may be a conditioning factor in "That document (זך ספרא) which they shall produce against you will be false ... while this document (ספרא זנה) is in your hand" B2.3:18; "no new or old document except this document (זנה ספרא)" B2.7:12. The emphasis that may attach to the sequence in question is also reflected in the fact that the phrase constitutes a *casus pendens* and is resumed later by a pronoun: זנה ביתא יהבתה לכי 'this house, I gave it to you' B2.7:7, following זנה ביתא לכי יהבתה לכי ib.5.⁽⁹⁷⁸⁾ Likewise ib.15 זך ביתא. It must be admitted, however, that in some cases, as

⁹⁷⁷ Cf. also זנה יומא ועד זן 'from that time until this day' ib.20. One may also note that the above-quoted sentence with זנה זנה ביתא at B3.10:15, though essentially similar to the sentence with the reverse sequence at ib.11, is rather more personal in tone with the heiress named personally as "Jehoishma my daughter at my death in affection because she supported me when I was old of days."

⁹⁷⁸ This syntax, however, does not automatically lead to the ante-position of the pronoun, as can be seen in ... יהבתה לך ... ביתא זנה זי B3.10:11, though in this case the considerable distance between the initial phrase and the verb, some ten words, may have occasioned the addition of the resumptive pronoun to the verb.

mentioned above, no satisfactory explanation suggests itself.⁽⁹⁷⁹⁾ In *זנה חלק ביתא* 'this part of the house' B3.5:11 the demonstrative modifies the immediately following, first noun of a construct chain, where ambiguity could arise, were the pronoun at the end of the phrase.⁽⁹⁸⁰⁾ Generally speaking, it stands to reason that there should be some measure of opposition between the two contrasting sequences in view of the fact that, in our corpus, a noun modifier, with the exception of *כל*, regularly follows it.⁽⁹⁸¹⁾

b) A phrase consisting of a noun and a demonstrative may be further expanded with the addition of an adjective as in *וידרג זך כלביא* 'that wicked Vidranga' A4.7:6; *וידרג זך כלביא* 'that curlike V.' ib.16 // A4.8:15⁽⁹⁸²⁾, but with a demonstrative in the last slot in *זך וידרג לחיא* A4.9:6. This last ought to be compared with *זך חנוב אלך* 'those priests of Khnub' A4.5:8. Since a demonstrative may precede its noun head (see above [a]) and an adjective can be substantivised to make *לחיא*, for instance, mean 'the wicked one,' the immediate constituent analysis of these three-member phrases can be performed in more than one way: e.g.

[וידרג זך כלביא] or [וידרג זך כלביא]

[וידרג לחיא זך] or [וידרג לחיא זך].

But in *זך אבוהי פמון* A6.11:4 the last constituent is more likely in apposition, hence [פמון זך אבוהי] 'that Pamun, his father.' Hence one would see an appositional phrase also in *זך שמה אבוהי* [פמון] 'Pamun by name, his father, that one' A6.11:3.⁽⁹⁸³⁾

c) *זנה חלק ביתא* 'this portion of the house' B3.5:11 represents a three-member string with the structure [a+[b+c]] where (a) = *זנה*.

d) In two cases a phrase consisting of a noun head and a demonstrative is further expanded by a disjunctive possessive pronoun occupying the last slot of the whole string: *זך זילך אנרא* 'that wall of yours' B2.1:6; *זך זילה אנרא* 'that wall of his' ib.10. They contrast with *זך אלך נכסך* 'those possessions of yours' B2.7:6,

⁹⁷⁹ For more inexplicable cases, see Folmer 1995:336-38.

⁹⁸⁰ But note the unambiguous *זך חנוב אלך* 'those priests of Khnub' A4.5:8.

⁹⁸¹ *זך מלכא אמרדאדן* C1.1:47 is ambiguous, though there does not seem to be any strong reason to read as Grelot does (1972:449: "A., ce roi-ci"). A demonstrative pronoun with a name always follows the latter: see above § 41 b.

⁹⁸² On this interpretation of *כלביא*, see Grelot 1972:410, n. s.

⁹⁸³ Alternatively, *זך פמון שמה אבוהי* may be in *casus pendens*, resumed by *זך* as the subject of the following *אבד*.

which shows a syntagm [noun + conj. pron. + dem.]. The reason why a conjunctive pronoun is not used in the first two cases appears to be the importance attached to the question as to whose wall it is: cf. § 41 *h*.

e) Unlike in חנוב אלך 'those priests of Khnub' A4.5:8 the syntactic relationship is that of [a + [b + c]] in מנדה בניא אלך 'the rent (?) of those domains' A6.13:3; זא חלי שנתא 'wine strainer of this year' C3.28:113; משחת ביתא זך 'the measurements of that house' B2.4:4; תח[ומ]י ביתא [זן]ך 'the boun[da]ries of [th]at house' B3.7:5; דין ספרא זנה 'the law of this document' B2.6:31, B3.8:32; חיי ספרא זנה 'the life of this document' B4.7:5.

f) A noun qualified by a demonstrative pronoun regularly takes the st.det. form: זנה יומא 'this day' A4.7:20 et passim. Hence מומאה דכי in מומאה 'that oath' B2.8:9 and מומאה דכא 'that oath' must be a st.det. form.

g) On the expansion of a noun by a demonstrative pronoun as well as by a conjunctive pronoun, see above at § 58*d*.

§ 66. Noun with an adjective

a) An adjective may attributively follow a noun phrase and expand it: e.g. אחר אחר 'another location' A6.10:2; נכ[ס]ן אחרנ 'other properties' ib.3; ביתא [ר]בא 'the large house' A3.8:6; פקידא 'the former officials' A6.10:7. A very rare exception to this rule may be a case of apposition: thus זילי בדיכרן 'like others, a staff of artists(?) of mine' A6.12:2, though in some Aramaic dialects this very word, אחרן, displays a peculiar syntax, for example, preceding its noun head.⁹⁸⁴ Another possible, equally difficult exception is גסת פתחם (A6.8:3, A6.10:9), if the first word be an adjective, giving the entire phrase a meaning of 'harsh word' or 'bad business.'⁹⁸⁵ A rare example of a preceding, attributive adjective is, if the reading be correct, נכסן אחרן 'other goods' B2.9:6.⁹⁸⁶

b) An attributive adjective to be construed with a noun in a

⁹⁸⁴ Nöldeke 1868:508; idem 1868a: 269, n. 1; Schulthess 1924: § 158,1. See also Driver 1957:72.

⁹⁸⁵ A take-off from Persian: *gasta patigama*. Cf. Driver 1957:50. See Appendix III.

⁹⁸⁶ Later in the document we find ואחרן summing up a list: "... and the rest." Thus נכסן here could be the object of the following לקח, which, however, would have לאחר breaking up an oratio recta. The disagreement in number (אחרן instead of נכסן) is not unique in the case of the pseudo-quantifier אחרן: see § 67 *g*.

construct chain follows the last noun of the chain. This constraint could lead to syntactic ambiguity, which at בעל עטתא טבתא 'the master of good counsel' C1.1:42 has been resolved on account of the difference in gender of the two nouns in question, and, in the case of עקי ארז ואר חדתן 'new cedar and 'r trees' A6.2:10, by virtue of the plural number of the adjective.

In לבש אחרן זי עמר 'another woolen garment' B2.6:10, however, the position of אחרן may be due to the fact that it is a pseudo-quantifier: see § 67 g.⁽⁹⁸⁷⁾

c) By contrast, the analytical syntagm [NP₁ + זי + NP₂] allows an adjective to be positioned immediately after either of the two NPs. In the case of the syntagm [NP₁ + Adj. + זי + NP₂], which NP is modified by the adjective is in no doubt: שבית 1 חדת '1 new shawl(?) of cubits 7 by 4 and a span' B6.2:5; קמר זי חדתה 1 מן-חסה '1 new woolen ??' B6.2:6.

However, it has been shown in § 62 e that an analytic noun phrase of the type NP₁ + זי + NP₂ can be followed by an adjective qualifying and agreeing with NP₁: e.g., גמידה 1 זי קמר חדת '1 new woolen garment' B3.8:7; לבש 1 זי קמר חדת '1 new woolen garment' B3.8:6; שנטא 1 זי כתן חדת '1 new linen robe(?)' B3.8:11.⁽⁹⁸⁸⁾ Cf. לא איתי לי בר וברה אחרנן אח ואחה ואנתה ואיש אחרן שליט בארקא 'I have no other son or daughter, brother or sister, or woman or other man, (he who) has right to that land' B2.3:10.

d) Syntagm [[Noun + Conj. pron.] + Adj.]: e.g. חלקי אחרנא 'my other part' B3.5:19.

e) An attributive adjective normally agrees with its noun head in gender, number, and state, as can be seen in the first four examples cited above under [a]. See also עטתא טבתא 'good advice' C1.1:57; עטתא טבתא 'the good advice' ib.42. Therefore one would translate יהו אלהא שכן יב בירחא 'YHW the god, dweller of Elephantine the fortress' B3.12:2, not "the god who dwells ..' On the phenomenon of disagreement, see § 66 d. No adjective

⁹⁸⁷ The difficult word following עמר does not affect our statement: on the crux, see Cowley 1923:48.

⁹⁸⁸ On the last example, cf. above at § 46 o.

In the following cases, however, the position of the constituent following the NP₂ may have been determined by the fact that that constituent consists of more than one word, for otherwise the whole phrase would have looked somewhat cumbersome: מחזי 1 זי נחש שוה כסף שקל 1 ר 2 תמסא 1 זי נחש שוה כסף '1 bronze mirror worth (in) silver 1 shekel 2 q(uarters), 1 bronze bowl worth (in) silver 1 shekel 2 q(uarters), 2 bronze cups worth (in) silver 2 shekels, 1 bronze jug worth (in) silver 2 q(uarters)' B2.6:11-13.

possesses a distinct dual form, for which the plural form doubles: thus עינין טבין 'good eyes' C1.1:157.

§ 67. Noun with a numeral

a) Cardinal numerals, whether spelled out or written as ciphers consisting of straight or curved strokes, and construed with a noun head, mostly follow the latter, and agree with it in gender whereby an unmarked form is used with a feminine noun, and a marked one with a masculine noun (§ 21 a). Where a unit of measurement such as length and weight is also mentioned, the numeral agrees with the noun for such a unit. For example, ביום חדה 'on one day, in one stroke' B2.6:28, sim. B3.8:28; חפנן תלת 'three handfuls' A6.9:3; ליתומן אחרנן תלתה 'in three more days' C1.1:39; לירח חר 8 כסף חלרן 'silver, 8 hallurs for one month' B3.1:5⁽⁹⁸⁹⁾; כסף כרשן תרין 'silver, two karsh' B3.8:6; אןרדן 'seven' B3.7:4.

b) The numeral for "one" also follows the noun even when oneness is emphasised as in אגרת חדה '(not) even a single letter' A3.5:5, sim. אגרה חדה A4.7:19; כל 2 כפם חר 'all two as one mouth, i.e. both unanimously' B3.12:33; 1 כנה 'its only window' B3.12:21. See also B2.6:28, B3.8:28.⁽⁹⁹⁰⁾ For this reason alone one would not interpret חדה מנה A4.2:12 as "one portion"⁽⁹⁹¹⁾, but rather "happy about it."

A cipher for "one" is used as the indefinite article: חלם 1 'a dream' D7.17:1; ספר מרחק 1 'a document of withdrawal' B2.3:23.⁽⁹⁹²⁾ It is also used on its own without a noun: לה שבק אנה לה 1 'I am not leaving him alone' A2.4:4; אל חוכל המו על 'Look after the kids alone ... Don't entrust them to others' D7.6:2 where the numeral is not even spelled out.

c) The following are the only exceptions in which a numeral precedes: תרתין מלן 'two things' C1.1:187; בחרתי רגליא 'for a second time (?)' C2.1:11.⁽⁹⁹³⁾ חד אלף 'one thousand times' A4.7:3 is *sui*

⁹⁸⁹ An Arabic numeral is represented in the actual text by means of the appropriate cipher, in this case eight vertical strokes: || ||| |||.

⁹⁹⁰ Classical Syriac thus differs: see Muraoka 1987:48.

⁹⁹¹ So Cowley 1923:135 and Grelot 1972:390. For "portion" we expect מנה: see above, § 18 n, n. 326, and cf. Leander 1928:77.

⁹⁹² In אנה חדה 'one letter' A4.7:29 some contrast may be intended with the preceding מליא 'all the matters.'

⁹⁹³ חד זיך A4.2:3 is rather difficult: the use of a numeral with a personal

generis where חד forms part of an idiomatic multiplicative, just as in Dn 3.19 שבעה חד 'seven times as much.': § 21 *h*.

d) The noun is usually in the status absolutus, which makes the above-quoted, problematic expression בתרתי רגליא stand out, where the use of the construct form of the numeral is equally striking. כל תרין גופתיא זי cannot mean 'two times.' At A6.2:8 the numeral forms a cohesive phrase with כל, "all (told) two, the boat-holders of the Carians."⁹⁹⁴ See also, if correctly restored: וקפירא [1] רבא 'and the [1] large pot' D7.9:15. The st. det. is used when the noun takes a demonstrative pronoun: see below [f].

e) Where the unit (weight, currency etc.) of a counted object is mentioned, the order is: Noun - unit - numeral or cipher. E.g., כסף חלרן 2 'arsenic one hundred karsh' A6.2:17; 2 חלרן 1 לכסף ש 1 לירחא 'silver, 2 hallurs to silver, 1 sh(ekel) per month' B4.2:2; 4 חמר זי שנת משח זית חפנן 'olive oil, 4 handfuls' B3.8:20; 8 ופלג 11 כנרן 'wine of year 11, 8 and 1/2 jars' C3.7Fv2:4.⁹⁹⁵

This sequence of constituents probably owes its origin to the administrative or commercial register of the language where various objects are quantified in lists or in tabular form and where those objects would naturally be mentioned first. See, for instance, an inventory of chattels a woman brought with her on marriage: 5 כל 1 אבן 2 זי עק 2 זי [חסף] 'Ladles for carrying oil: 2 [pottery], 2 wooden, 1 stone, a total of 5' B3.8:19. The unusual lack of agreement in number in 2 פיק זי סלק 2 trays(?) of *slq*' B3.8:18 is also understandable in this light. Note also the quantifiers שפיק and שניא in גרד אמנן וספון שפיק בעו in שניא 'Seek domestic staff of craftsmen of all kinds in sufficient numbers' A6.10:6; שניא 'many years' A6.14:4⁹⁹⁶; שניא 'abundant welfare and strength' A6.16:1 et passim, and especially מראן שלם 'May the God of Heaven seek after the welfare of our lord abundantly at all times' A4.7:1. The syntactic relationship between a cardinal numeral and an ac-

name, if זיך is one, and the position of the numeral are both highly irregular. Cf. Grelot 1972:388, n. *e*.

⁹⁹⁴ Instead of 'all (told) two boat-holders of the C.' by Porten - Yardeni (1986:99). Their Modern Hebrew translation ... כל שני בעלי הספינה של also reads a little awkward, whereas Grelot (1972:288) offers "tous les deux nautoniers des forts."

⁹⁹⁵ On fractions, see § 21 *d*.

⁹⁹⁶ Note also a similar lack of concord shown by Syr. *qallil* and *saggi*: see Muraoka 1987:49.

companying noun is somewhat different from that between a noun and a demonstrative or an adjective. In that sense the usual position of numerals after nouns is not of the same nature as that for adjectives or demonstratives. These cardinal numerals can be better thought of as a kind of adverbial: 'to the amount of.' The above listing then might be better translated as 'tray(?) of *slq*, 2.' Consider a striking break between חקם and חפן 5 in חקם יתו לי חפן 5 'Let them bring me castor oil, 5 handfuls!' A2.4:12.⁽⁹⁹⁷⁾ This way we could better understand the striking st.det. מנדהא in לי מנדהא לא מהיתה לי A6.14:2 which can best be translated: 'is not bringing me the (agreed) rent ... at all' rather than 'not .. any rent.' We would add also that a noun phrase giving a weight, measure, monetary value and the like is not therefore to be considered an appositional phrase, unless one redefines apposition.⁽⁹⁹⁸⁾

זעיר 'a little salt' D7.2:2 precedes the noun head like מנדהא in מנדהא כסנחו 'some loss' A6.10:2 (§ 44 b), probably because both are quantifiers.

f) When a demonstrative pronoun is added to a syntagm consisting of a noun and a cardinal numeral, the pronoun occupies the second slot as in גבריא אלק תרין 'those two men' C1.1:56 and חלקיא אלק 5 'those 5 Cilicians' A6.15:5. The cohesion between the noun and the demonstrative appears to be greater than that between the noun and the numeral. See above, § 65 d, and note the st.det. of the noun head.

g) However, the cohesion between a noun and a cardinal numeral or cipher is greater than that between a noun and an attributive adjective as is shown by the end position of the adjective: חקבת 1 שפרת '1 pretty vessel' A2.2:11; קליל חד סוסה 'a swift horse' C1.1:38⁽⁹⁹⁹⁾; חדת 1 גמא [ח.]. '1 new basket(?) of papyrus reed' B3.8:17; כתן 1 בליה '1 worn linen' ib.12, sim. B6.2:5; לבש 1 מעדר 'one renovated house' B3.11:2. However, אחרן in the sense of 'more, additional,' being itself a sort of quantifier, does not fully accord with this rule⁽¹⁰⁰⁰⁾: גברין 2 אחרין '2 other men' C1.1:37, but חלתה 'in another three d[al]ys' ib.39. Cf. also שגיאן אחרין 'after

⁹⁹⁷ So Grelot 1972:158 rather than Porten - Yardeni (1986:16): "5 handfuls of castor oil."

⁹⁹⁸ Pace, for instance, Fitzmyer 1956:128-31.

⁹⁹⁹ Not "a swift horse of his" (Cowley 1923:230). See above § 18 r, n. 341, and cf. Driver 1957:73 with n. 2 there.

¹⁰⁰⁰ Cf. a similar situation in Classical Syriac: Muraoka 1987:47,49.

many more days' C1.1:49. In accounts, however, one finds the sequence [noun + adjective + numeral] as in 1 לק עתיק 'old oar' (?), 1' C3.7Gr2.:2,12 and 30 ספן ריקן 'empty jars' (?), 30' C3.7Cr2:2 // 1 רבה 'one large ship' C3.7Dr3:11. See our discussion above at § e. Another exception, 5 חרען רברבן 'five enormous gates' A4.8:9 may be due to some emphasis on רברבן.

h) Where a syntagm [Noun + cardinal numeral] is further expanded by the addition of a זי phrase, two word-orders are attested:

[Noun + Numeral + זי + Noun], e.g., 1 לבש זי קמר חדת '1 garment of wool, new' B3.8:6; 1 גמידה זי קמר חדת '1 woolen garment(?), new' ib.7; 1 פק זי סלק '1 tray(?) of *slq*' B2.6:16; 1 מחזי '1 bronze mirror' ib.11

[Noun + זי + Noun + Numeral] — 1 ר/רמן זי סלק '1 *d/rmn* of *slq*' B3.8:18; 2 פיק זי סלק 'tray(?) of *slq*, 2' ib.; 1 קף זי עק 'wooden chest(?), 1' ib.19 // 1 קפף זי חוצן '1 palm-leaf chest(?) ib.17; 5 חרען 'gates of stone, 5' A4.7:9

i) Of the very few⁽¹⁰⁰¹⁾ ordinal numerals attested in our corpus, 2nd year came round' B3.1:7 is problematic: the verb is masculine with the fem. subject, and the numeral is masculine and is found before the noun. At A6.10:1,8 קדמי means 'former, previous.' An alternative for an ordinal is attested in 3 חלחא רחמימה לשמש 'the third is dear to Shamash' C1.1:187.⁽¹⁰⁰²⁾

§ 68. Noun with a prepositional phrase

a) A phrase consisting of a preposition followed by a conjunctive pronoun, a noun or a noun phrase may be used as an adjectival to qualify the preceding noun head: e.g., [חדה] וחרחין 'one] or two of the wives of his colleagues' B3.8:38; 1 קפף זי חוצן תחת לבשיה '1 palm-leaf chest (?) for her garments' ib.17; 1 קף זי עק 1 תחת חמריה '1 wooden chest (?) for her jewels' ib.19; בניך מן מבטחיה 'your children from Mibtahiah' B2.4:7; בניך עמך 'your children with you' C1.1:129; ויעבר פתכר סוסה עם רכבה 'and let him make a statue of a horse with its rider (on it)' A6.12:2; 1 ארמי זי סון לדגל וריזח 'an Aramaean of Syene of the detachment of Varyazata' B2.1:2.

b) That בניכי אחריכי 'your children after you' is an adverbial rather than an adjectival is shown by comparing an instance such as 1 רשע לבניכי אחריכי 'bring against you suit or process, ... ועל בניכי אחריכי

¹⁰⁰¹ See § 21 f.

¹⁰⁰² A phenomenon known in Syriac, for instance: Nöldeke 1898: § 239.

or bring (suit) against you ... bring (suit) against your children after you and complain against you... and against your children after you' B3.10:18 with *וְאַנְחִי יְהוֹיִשְׁמָע אִם שְׁלִיטָא וּבְנֵיכִי שְׁלִיטִין אַחֲרֵיכִי* 'and you Jehoishma certainly have right and your children have right after you' ib.20. In the latter clause the breaking up of the phrase by the intervening *שְׁלִיטִין* is significant. The total absence of a prepositional phrase expanding a noun head but separated from the latter such as **אֶבְרַם מִטְּאֲנִי לֶךְ* 'a son of yours came to me,' for the expected *לֶךְ מִטְּאֲנִי בֶרֶךְ* compels us to regard *אַחֲרֵיכִי* as an adverbial to be construed with *שְׁלִיטִין*: 'your children (shall) have right after you.' Similarly *אֲנַחְ עֲנִי שְׁלִיטָא בְּהָ מִן יוֹמָא זֶנָּה וְעַד עַלְמָן וּבְנִידְךָ שְׁלִיטִין אַחֲרֵיךָ* 'you Anani have right to it from this day and for ever and your children (shall) have right after you' B3.12:22; *בִּיחָא זֶנָּה* 'you have no right ... להן בניך ... הִמּוּ שְׁלִיטִין בְּהָ אַחֲרֵיכֶם (to sell ...) this house ... but your children ..., they have right to it after you' B2.4:6. See also B2.3:9,15, 2.10:9,16, B3.5:5, B3.11:9.⁽¹⁰⁰³⁾ That the breaking up is not a question of individual style is clear, since more than one scribe displays the same feature. The same interpretation can be applied to *בְּנִידְךָ מִן אַחֲרֵיךָ* B2.7:7, B3.4:12,16,19. But choice is difficult in *... תְּשַׁלַּח* A6.13:2 between 'Let a letter be sent from my lord ...' (Porten - Yardeni 1986:122; sim. at A4.7:24) and 'une lettre de Monseigneur soit envoyée ...' (Grelot 1972:320^[1004]), whilst the matter is less problematic in *בְּבִלְ לִם אֲגַרְתָּ מִן אַרְשָׁם יְהִבְתָּ* 'In Babylon a letter from Arsames was given' A6.15:1.

c) A prepositional phrase which shows where a certain object is located is very often introduced by *זִי בֵּיב בִּירְחָא*: 'the priests who are in Elephantine the fortress' A4.7:1; *בֵּין בְּגִיָּא זִילִי זִי* 'in my domains which are in the Upper and Lower (Egypt)' A6.7:5; *חִילָא זִי לִידָה* 'the troop which is at his command' A6.8:1; *זִי לַעֲלִיָּה* 'its corner which is above' B2.1:4; *קֶצֶת כֶּסֶף וְחַיִּים זִי עַל סִפְרָא אֲחֻתְכִי* 'part of the silver and the goods which are (listed) on the document of your wifehood' B4.6:4; *זִי עַמְ[הָ]* 'the nobles who (were) with [him]' C2.1:48. Similarly A4.7:5,7, A6.8:2, A6.9:1,2, B2.1:5. See also *זִי עַל מְכִי* 'the wool which is owed by Maki' A2.2:9.

That the use of such a *זִי* is optional seems to be indicated by the following pair: *אֲמַר עֲנִי בְּרַחֲמֵי אֱלֹהֵי בֵּיב בִּירְחָא* 'Anani b. Azariah a servitor of YHW the God in

¹⁰⁰³ Cf. in Hebrew 2Sm 7.12 "when you lie down with your ancestors, I will raise up your offspring after you (*וְהִקְיִמְתִּי אַחֲרֵיכֶם אַחֲרָיְכֶם*)."

¹⁰⁰⁴ But '*qu'une lettre leur soit envoyée par toi*' at A4.7:24 (1972:411).

Elephantine the fortress said to Jehoishma ...' B3.11:1 // אמר B3.3:1 עניה בר עזריה לחן זי יהו אלהא זי ביב בירתא למשלם ... (by two different scribes).

d) However, there do remain some cases difficult of interpretation. For instance, does the local phrase ביב בירתא לי in ימאח לי ביב בירתא ביהו אלהא ביב בירתא 'you swore for me by YHW the God in Elephantine the fortress' B2.2:4 specify where the swearing took place or does it localise the god of the Elephantine Jews? The notion of such a localised deity is evident in לחנה זי יהו אלהא שכן 'a (female) servitor of YHW the god, dweller of Elephantine the fortress' B3.12:2.⁽¹⁰⁰⁵⁾ The same syntactic ambiguity persists in לחן ליהו ביב 'Mica ... said to Anani ... a servitor of YHW in Elephantine' B3.2:2. An example such as ביב ... בירתא אמר מנחם 'in Elephantine the fortress said Menahem ...' B2.9:1 seems to favour the adverbial, and not attributive, interpretation; likewise B2.10:1, B2.11:1, B3.8:1, B3.9:1.⁽¹⁰⁰⁶⁾

We face a different kind of difficulty over the construction in the shape of [V + N₁ (= subject) + זי + N₂ + זי + Prep.ph.] as to whether the syntagm [זי + Prep.ph.] qualifies N₁ or N₂: e.g. אמר B3.3:1. Is it God or Ananiah that is in Elephantine? Further, compare with this the following sentence: אמר B3.11:1. Is the closing prepositional phrase adjectival or adverbial? There seem to be some indications that the prep.ph. headed by זי in these cases is more likely a juxtaposed co-modifier of N₁ together with the preceding phrase [זי + N₂]. In ביב בירתא זי יודנא זי מלכא זי ביב בירתא 'the barley-house (?) of the king in E. the fortress' A4.5:5 the general context makes it more likely that the phrase is about the location of the installation rather than that of the king. At a deep level, this example is syntactically analogous to ביתא זילי זי במדינתכם 'my estate in your province' A6.9:2. ביב בירתא זי יהו אלהא זי אגורא 'the temple of ...' A4.7:6 is abbreviated to ביב בירתא ib.7. Note also על אגורא זי יהו אלהא למבניה ביב בירתא 'on the temple ... in order to build it in E. ...' ib.24. The following cases may also be viewed in a similar way: בית מדבחא זי אלה שמיא זי ביב בירתא 'the altar-house of the god of heaven which is in Elephantine ...'

¹⁰⁰⁵ The fem. gender of לחנה precludes the possibility of construing שכן with the former.

¹⁰⁰⁶ Cf. our remarks below at § 78 *cp.*

At אגורא זי אבהין בנו אגורא זי ביב בירתא 'our forefathers had built that temple in Elephantine the fortress' A4.7:13 we would rather see an adverbial phrase of place in view of אגורא זי יהו אלהא זי ביב בירתא 'the temple of YHW the god which is in Elephantine the fortress' ib.6.

A4.9:3; כמריא זי חנוב אלהא זי ביב בירחא 'the priests of Khnub the god who are in E. ...' A4.7:5; ביתה זי אפולי בר מסדי זי ביב ברתא; 'the house of A. the son of M., which is in E. ...' B3.4:4, in which last case one may also note that, where a person's provenience or ethnic origin is indicated, זי is not followed by a preposition of place, e.g. נשן זי יב בירחא למשלם בר זכור יהודי זי יב אמרת יהוחן ... 'Jehohen ..., a lady of Elephantine ... said to Meshullam ..., a Jew of E. ...' B3.1:2; יהב לי משלם ... ארמי זי סון 'M. ... an Aramaean of Syene gave me' B2.7:3.⁽¹⁰⁰⁷⁾ Nevertheless, even in בירחא אלהא זי ביב, which seems to be easy of interpretation in view of ... שכן B3.12:2, the ambiguity remains because of A4.7:6 vs. ib. 7, and A4.7:24.

e) Typologically akin is the pattern represented by ויהודיא 'we and our wives and our sons and the Jews, all (of them) who are here' A4.8:26 // כלא זי תנה A4.7:26.

§ 69. Noun with כל

This paragraph will deal with all aspects of the multifaceted use of כל, including cases where the word is not to be directly construed with a noun phrase.

a) *Bare כל*. Where כל indicates that the whole of the object or every single member of the class indicated by the noun concerned is affected, it normally precedes the latter: + a *sg. abs. noun*—כל כסף 'all silver' B4.2:6, כל גשר 'every beam' A2.2:15, כל ערבן 'every security' B3.1:9, בכל עדן 'at all times' A3.6:1; + a *sg. det. noun*—כל כספא 'all the silver' B2.6:13; + a *sg. noun with a conj. pron.*—כל כספך 'all your silver' B4.2:7; + a *pl. abs. noun*—כל גברין ... כל נכסין 'all goods ... all persons' A4.7:16, כל לבשן 'all garments' B3.8:13; + a *pl. det. noun*—כל ספינתא 'all the ships' C3.7Dr1:11, כל אסריא 'all the bonds' B5.6:10; + a *pl. noun with a conj. pron.*—לכל עבדיך 'for all your slaves' C1.1:178; + a *det. cst. phrase*—כל בעלי יב 'all the burghers of Elephantine' A4.7:22; + כל זי תצבה 'all that he has' B2.6:19, כל זי איחי לה—זי 'whatever you desire' A2.4:7. Note also כל מדעם זי יחיה בה איש 'anything on which one may live' B4.1:3 and וכל מנרעם זי חמיר 'and everything that is leavened' A4.1:6.⁽¹⁰⁰⁸⁾

¹⁰⁰⁷ Cf. מרסיה בר ידניה יהודי בבירת יב 'M. son of Y., Jew in the fortress of Elephantine' B2.2:2.

¹⁰⁰⁸ Another example of a relative clause with no explicit subject might be [פ]רסכן זי כלי כלה 'your sala[ry], which was withheld (in) its entirety' A3.3:6, if כל be taken as a passive ptc. rather than a G passive pf.: see § 34 b.

b) כל often precedes a cipher in order to give a total after two or more items have been enumerated, often followed by an appositional phrase: *אמר מנחם וענניה כל 2 בני משלם* 'Menahem and Ananiah, all (told) 2, sons of Meshullam ... said' B2.9:1, *לגברן, 2 חלכין חרין אמן חד כל תלחה עלימן וילי* 'to two Cilician persons (and) one artisan, all (told) three, servants of mine' A6.9:4, *2 [חסף] זי עק 2 זי אבן 1 כל 5* 'pottery, 2, wooden, 2, of stone. 1, all (told) 5' B3.8:19 et passim.

A variant on this pattern is given by one in which כל is followed by a noun and a cipher as in *כל גברן 5* 'all (told) 5 persons' A4.10:5, sim. A6.3:5, A6.7:5, A6.15:2, C4.4:10.

c) כל may immediately follow a determinate noun phrase *with a matching conjunctive pronoun*: *יעט אחור כלה* 'the counsellor of the entire Assyria' C1.1:12; *אבזה זי אחור כלה* 'the father of the entire Assyria' ib.55⁽¹⁰⁰⁹⁾; *[ביחא =] ביחה כלה* 'the whole house' B3.5:20; *ארעא כלה* 'the whole earth' B2.6:19.⁽¹⁰¹⁰⁾ Once כל follows a disjunctive personal pronoun: *אנת כלך* 'you entirely' C1.1:102. This last example shows that כלה in the remaining examples cannot be dismissed as a variant spelling of כלה.

כלה or כלך here can be taken either as being in apposition to the preceding noun phrase or as quantifier, on which latter see below at § d, e.

Twice we find כל with a conjunctive pronoun attached and referring to the noun in question, but at a remove from its head: *ואשכחתי שנטת כלה* 'and I found it (= כתנה 'the tunic') all of it frayed(?)' A2.1:4; *[פ]רסכן זי כלי כלה* 'your sala[ry], which was withheld (in) its entirety' A3.3:6.⁽¹⁰¹¹⁾

d) כלה⁽¹⁰¹²⁾

It is noteworthy that the scribe of A4.8, a revised version of A4.7, writes כלה in a parallel passage: *כלא קטילו* A4.8:16 (// A4.7:16 quoted below), and also most likely at A4.8:13 *אגורי* (// A4.7:14 also quoted below). There are three more instances where the scribe of A4.8 substitutes כלה for כל of A4.7: *יהודיא כלה בעלי יב* A4.8:22 // *יהודיא וכוונה* 'your servants Jedaniah and his colleagues and

¹⁰⁰⁹ Porten - Yardeni 1993:32 wrongly כלה.

¹⁰¹⁰ Cf. also *סחתה כלה* 'all the neighbourhood (?)' A2.1:12.

¹⁰¹¹ Gibson's translation "(the clerks will pay you) in its entirety your salary, which has been withheld" (Gibson 1975:145f.) is unlikely: כלה would be too far removed from what he would restore before *[פ]רסכן* and with a relative clause intervening.

¹⁰¹² See above, § 22 c.

the Jews, all (of them) citizens of Yeb' A4.7:22⁽¹⁰¹³⁾; ויהודיא כלא ... אנחנו ונשן ובנין ויהודיא כל זי תנה A4.8:26 // זי תנה 'we and our wives and our sons and the Jews, all (of them) who are here' A4.7:26; כלא קטילו A4.8:16 // כל קטילו ... כל גברין 'all persons ... were all killed' A4.7:16.⁽¹⁰¹⁴⁾ Another example of quantifier כל corresponding to כלא is אלהיא כל ישאלו שלמכי A3.7:1 vs. שלם אחי. 'May the gods seek all (of them) the well-being of my brothers' A3.10:1, sim. A3.5:1, A3.9:1.

כל is thus found after a noun phrase or phrases, referring back to it or to them: e.g. ... ומנדע[ם] אחרן זי לקחת כלא התב הב '... and anything else which you took, give all of it back to Masapata' A6.15:6; ... שלם אמך וינקיא כלא 'your mother and the children are all well' A3.3:12.

In only one case we find כלא preceding and anticipating a following noun phrase: ... כלא מליא באגרה חדה שלחן 'we communicated all the matters in one letter' A4.7:29 where the preposed כלא may be indicative of some emphasis and contrast with חדה.

We see that the grammatical function of the noun phrase(s) to which such a כלא refers back within the sentence varies: *subject*—אלהיא כ[ל]א A3.10:1 quoted above; *object*—מנדע[ם] A6.15:6 also quoted above; *nomen rectum*—only in the phrase אחרן כלא 'the whole of Assyria' as at C1.1:43, and plausibly restored at ib.56,61. The same phrase, however, is also written אחרן כלה (see above, § c), though they are not likely mere phonetic variants, but rather genuine morphological variants.⁽¹⁰¹⁵⁾

e) *Adverbial* כל

The word כל is occasionally used adverbially in the sense of 'in its [or: their] entirety' with a neighbouring noun phrase: אלהיא כל ישאלו שלמכי 'May the gods unanimously seek after your welfare' A3.7:1; ואגורי אלהי מצרין כל מגרו 'and they demolished the temples of the gods of Egypt altogether' A4.7:14; וכל גברין זי ... כל קטילו

¹⁰¹³ It is immaterial whether כל refers to the entire preceding phrase or, as Grelot (1972:411) renders with his "tous les Juifs citoyens d'Élephantine," only to "the Jews." But "all say thus" of Ginsberg (1955:492) cannot be right. The same ambiguity exists with the next set of examples, A4.7:26 // A4.8:25, in which case, logically speaking, the relative clause can be made to apply to all the groups of individuals mentioned before, though it is not clear whether that was intended or not.

¹⁰¹⁴ On the variations between the two versions of the petition in question, see Porten 1998.

¹⁰¹⁵ Fitzmyer's (1956:81f.) argument that כלה = כלא in these instances does not convince.

'and all people that ... were killed altogether' ib.16 where the adverbial nature of כל is clearer because of its distance from the noun phrase to which it refers back as well as from its repetition.

f) יחיר is once used as a quantifier preceding a noun in a way analogous to זעיר (§ 67 *e* end): יחיר פתף 'extra ration' A6.9:6.

§ 70. Noun in apposition⁽¹⁰¹⁶⁾

Two noun phrases may be simply placed next to each other without any formal indication of linkage between them. The very lack of such a formal indication points to the presence of subordination, the second term supplying further information on the identity of the first.⁽¹⁰¹⁷⁾ The logical relationship between the two is that of equation.

a) In the great majority of cases one term is a name, whilst the other describes a person or place so named, often a kinship term or title. E.g. אבי פסמי ... עבדך נבושה ... אמי ממה 'my father Psami ... your servant Nabusha ... my mother Mama' A2.1:13; אחרך אושע ... ברי שלמם 'my son Shelomam ... your brother Osea' A3.3:1; בקריה כרב 'in (the) town (of) Korobis' B1.1:3; ליב בירחא 'to Syene the fortress' A4.6:11.

b) A name can be the first term: e.g. בר פטחנם 'Nabushezib son of Petekhnun' A2.1:15; אל אבי פסמי מן מכבנת בר 'To my father Psami from Makkibanit son of Psami' A2.4:14; רמי אחת הודו ... תבלא ברת משלם קולא אחתה 'Rami wife of Hodo ... Tabla, daughter of Meshullam (and) Kavla her sister' A4.4:5; חגי יב בירחא 'Haggai his brother' A4.4:7. This is the rule in יב בירחא 'Elephantine the fortress' A4.5:3 et passim, סן בירחא 'Syene the fortress' B3.9:1 et passim and other fortresses, and with divine names as in יהו אלהא 'YHW the God' A4.7:6 et passim; חנוב אלהא 'Khnum the god' A4.5:3⁽¹⁰¹⁸⁾; להנאלת אלהתא 'to H. the goddess' D15.2; קדם שמש אלהא 'before Shamash the god' D22.47:4.

With the above-mentioned יב בירחא and such like contrasts רב בקריה 'in town Korobis' B1.1:3 not only with respect to the word-order, but also on account of the absolute state form of קריה. In view of this, it is not absolutely certain that ירח in ירח

¹⁰¹⁶ Cf. Hug 1993:95-97.

¹⁰¹⁷ We have seen above that the same logical relationship can be expressed by means of formal subordination, namely the construct phrase or its periphrastic, analytic substitute with י: § 61 (iii).

¹⁰¹⁸ So must one read at A4.7:5, though אלהא is written above to the right of חנוב.

חחוח 'the month of Thoth' B3.13:1, ירח מהר 'the month of Mehir' B1.1:1, and ירח פאפי 'the month of Phaophi' B4.4:1, sim. B4.5:1,5, B5.1:1, C3.7Gr2:14 is in the st. cst., as we interpreted above (§ 48 c [iii]) and as in Heb. Ex 13.4 בַּחֹדֶשׁ הָאֶבֶיב (TO בִּירְחָא דֵאבִיבָא), Neh 1.1 בַּחֹדֶשׁ כִּסְלֹו.¹⁰¹⁹) The picture regarding "year" is no less ambiguous: as against 15 שָׁנָה 'the 28th day of Paḥons, year 15 ...' B2.1:1 we have 8 בְּשָׁנָה 'in year 8 (literally: 'in years 8')' B1.1:5, a case of pseudo-apposition as in בקריה כרב in the same document (see § 21 f, n. 222a).

c) The title regularly follows, possibly excepting פרעה נכוא 'Pharaoh Necho' D23.1 Va:11, ib. XII:7, פרעה נכו D23.1 VIII:12, and מלכא אמורטי[us] 'the king Amyrtae[us ...] the king Nepherites' A3.9:3 to be contrasted with [מל]כא דריוהוש 'Darius the king' A4.5:2. A degree of fluidity is observable with regard to kinship terms—I שָׂנְאָה לְתַמֶּת אִנְתִּי 'I hate Tamet my wife' B3.3:7 vs. שָׂנְאָה לְבַעְלִי עֲנִי 'I hate my husband Anani' ib.9; שָׂנְאָה לְיְהוֹשְׁמָע 'I hate my wife Jehoishma' B3.8:21 vs. לְיְהוֹשְׁמָע [לְאִנְ]תִּי 'J. his wife' ib.38; B2.6:23 vs. לְאִסְחֹור בַּעְלִי 'J. his wife' ib.38; B2.6:23 vs. לְאִנְ]תִּי (1020) ib.27.

d) A disjunctive personal pronoun occupies the first position: e.g. הוֹשְׁבָתָם ... אַנְתָּ יְדַנְיָהּ וּמַחְסִיָּה 'You, Jedaniah and Mahseiah ... satisfied ...' B2.9:8; ... אֲנִי מִנְחָם וְעֲנַנְיָהּ רַחֲמִין 'I, Menahem, and Ananiah are withdrawing ...' ib.9; אֲנִי עֲנִי בֶר עֲזַרְיָה 'I, Anani, son of Azariah, say' B3.7:2.

e) In some cases the first term is not a free-standing word form, but a bound form suffixed to another word: לֹא אֶכְהֵל אֲנִי 'I shall not be able to institute against you suit or process, (against) you or son or daughter of yours' B2.8:7; לֹא יִכְהִלֹּן יִרְשָׁן[וֹנִי] אַנְתָּ יְדַנְיָהּ וּמַחְסִיָּה 'they shall not be able to bring (suit) against [yo]u, you, Jedaniah and Mahseiah' B2.9:11; בֵּיתְךָ אֲנִי עֲנִי בֶר חַגִּי 'your house, you Anani son of Haggai' B3.12:17; יָהֲבֵת לְכִי תַמֶּת 'I gave to you, Tamet' B3.5:6. In all these cases except the last the second term is introduced by a disjunctive personal pronoun, which is further expanded, and there is an element of emphasis on the pronoun. To interpret the

¹⁰¹⁹ Cf. the Hebrew Ezr 8.31 מִנְהַר אֲחֵזָא 'from the river A.'

¹⁰²⁰ Stylistically speaking, the scribe of B2.6 and B3.3, Nathan, displays a chiasmic variation in this regard: a - b // b - a (B3.3:7 // B3.3:9; B2.6:23 // B2.6:27). However, another scribe, Mauziah, varies the sequence for some unknown reason, displaying a different pattern: b - a // a - b (B3.8:21 // B3.8:38 [= B3.8:40]). The shift from b - a to a - b at B3.8:38 defies an explanation.

second term as vocative is unlikely in view of ענני אנה 'my other portion, I Anani' B3.5:19.⁽¹⁰²¹⁾

Such an appositional disjunctive pronoun may be separated from the suffix to which it refers: זנה חלקא זי מטאך בחלק אנת ידניה 'this is the portion which has come to *you* as (your) portion, you, Jedaniah' B2.11:3. Similarly at ib.5: מחסיה אנה בחלק אנה 'it has come to *me* (as my) portion, I Mahseiah.'

In למכבנת לן לי ולמכבנת 'Do not worry about us, about me and about Makkibanit' A2.1:7 the same syntagm is used for both terms.

f) A title like מראן 'our lord,' especially in the opening address of an official letter, has not yet quite fossilised as Syr. /ma:r(y)/ routinely prefixed to a saint's or ecclesiastical dignitary's name.⁽¹⁰²²⁾ Though אל מראן בנחיה פחת יהוד Bagavahya, governor of Judah' A4.7:1 is indeed followed by the indication of the recipient's office, the writers call themselves עבדיך 'your servants,' which is clearly in contrast to 'our lord.' Cf. also נשן יהושמע שמה אחחך 'Lady (?) Jehoishma by name, your sister' B3.8:3.⁽¹⁰²³⁾

g) The basic syntagm of apposition constituted by two juxtaposed terms is expanded by either term or both receiving accretions, where some ambiguity may arise. In מחסיה בר ידניה 'Mahseiah son of Jedaniah, a Jew, hereditary property-holder in Elephantine the fortress of the detachment of Haumadata' B2.3:1 it is not immediately apparent whether "a Jew ..." refers to Mahseiah or Jedaniah. Similarly שמו ב[ר] כנופי סגן נגריא 'Shamou so[n] of Konufi, chief of the carpenters' A6.2:8. That the initial element of accretion does not necessarily refer to the first term is shown by מבטחיה בר ידניה ארמיה 'Mibtahiah daughter of Mahseiah son of Jedaniah, Aramaean of Syene' B2.8:2 where "son of Jedaniah" can only refer to Mahseiah, and it is further unclear who is to be considered Aramaean of Syene. This syntactic ambiguity is compounded by a possible orthographic inconsistency in ארמיה (for the standard ארמיה)⁽¹⁰²⁴⁾, where ארמיה most

¹⁰²¹ On a similar use of the disjunctive pronoun in BH as in Gn 27.34 ברכני גם-אני 'Bless me, I also!,' see Muraoka 1985:61-66 and Joüon - Muraoka 1993: § 146 c.

¹⁰²² Cf. Fr. *monsieur* and *madame*.

¹⁰²³ On the difficult plural נשן, see below: § 76 cf.

¹⁰²⁴ See above, § 18 j.

likely is in apposition to מבטחיה.⁽¹⁰²⁵⁾

The status of Jedaniah in the famous letter of petition, A4.7 and A4.8, is partly affected by this syntactic ambiguity: עבדיך 'your servants Jedaniah and his colleagues the priests' A4.7:1. But if Jedaniah in another letter, A4.3, be the same person, as he seems to be, then Jedaniah was probably not a priest, for there we read: אל מראי ידניה ואוריה וכהניא זי יהו אלהא 'to my lords, Jedaniah, Uriah, and the priests of YHW the God' A4.3:1. Nonetheless, *TAD A* restores the opening line of the parallel letter A4.8 as [... עבדיך ידניה כהנא וכנוחה כהניא ...]. Similar ambiguity exists in דמידת וכנוחה דיניא 'Damidata and his colleagues the judges' B2.2:6.⁽¹⁰²⁶⁾

h) Semantically, neither of the two terms in apposition needs to be a name: אמר לכנוחה גבריא אלך חרין 'he said to his colleagues, those two men' C1.1:56. Here belongs perhaps also מה זי לקחת 'what you took, good[s], from the domestic staff ...' A6.15:9⁽¹⁰²⁷⁾; אחיקר זך שבא ספר חכים 'that Ahikar, the elderly man, a wise scribe' C1.1:35, where the st. abs. of the noun in apposition should not cause any particular difficulty.

i) In כאיש גנב 'like a thief' C1.1:173 we probably have a feature similar to BH איש כֹּהֵן (Lv 21.9) and the like where the head noun appears otiose⁽¹⁰²⁸⁾, provided גנב is not a ptc., but a noun, גִּנְב.⁽¹⁰²⁹⁾

j) The frequent use of שם provided with a conjunctive pronoun and immediately following a proper noun as in עבדין זילי במצרין 'slaves of mine in Egypt, a certain Pariyama, 1, a certain Ammuwana, 1 ...' A6.7:2; בחגר שמה 'at a certain (place by the name of) Tigra' C2.1:12; מלי אחיקר שמה ספר 'the words of a certain Ahikar, a wise scribe' C1.1:1 can also be analysed as appositional. It occurs mostly on the first

¹⁰²⁵ Another consideration in support of this interpretation is that in the standard formula at the beginning of a legal document we regularly find the st.abs. of a gentilic: thus contrast דרגמן בר חרשין חרומי 'Dargamana son of Khvarshaina, a Khwarezmian' B2.2:2 where the man is first introduced, with דרגמן בר חרשין חרומא B2.3:23 where the st.emph. has anaphoric force.

¹⁰²⁶ Cf. a discussion in Porten 1968:48, n.77.

¹⁰²⁷ The reading [כחסן] is not assured: Driver 1957:35 hesitantly read כחסן 'forcibly.'

¹⁰²⁸ See Joüon - Muraoka 1993: § 131 b.

¹⁰²⁹ The scribe had originally written זי between the two words.

^{1029a} The origin of this usage, certainly not native, is debated: Persian, or Babylonian. See Kutscher 1954:241, id., 1969:133 and Lipiński 1990:104.

mention of the entity concerned.^(1029a) An exception is פטוֹסִירִי 'Petosiri by name' B2.11:7, already mentioned at ib. 4 with the same wording.

§ 71. Attributive participle

Only rarely a participle may follow a noun phrase to modify it: בִּנְיָ בִּי תַחְתִּי חֲדָה אֶחָד גְּשׁוּרִין וְכוּן 'Built, a lower house, new, having beams and windows' B3.5:8; פֶּרְסִי יָתֵב בְּפֶרֶס 'a Persian resident in Persia' C2.1:36; .. אִישׁ מִצֵּלַח עֵקֶן בַּחֲשׁוּכָא וְלֹא חֹזֶה 'a man who chops wood in the dark without seeing ...' C1.1:132. In the light of לַחֲנָה זֵי יְהוֹ אֱלֹהָא שֹׁכֵן יְב בִּרְחֵא שֹׁכֵן at B3.12:2 is probably substantivised and in the st.cst., 'dweller in ..' It appears to be more idiomatic to embed an attributive participle in a זֵי clause as in מִנְחָא לָם זֵי יְהֵבָה בְּמַדִּינְתָא 'the share which is given in the province' A6.1:2; ... חֲרוּץ בֶּר בִּיתְאֵלְשׁוּב זֵי אַתָּה לְמַחְתָּה 'H. son of B., who is coming to bring down ...' A2.5:5. Cf. § 55 *b*.

PART FOUR

SYNTAX

SECTION B

VERB PHRASE EXPANDED

§ 72. Verb expansion

Apart from the subject, a whole variety of elements may be added to a verb in order further to qualify or modify the kind of state or action denoted by it. Such qualifiers or modifiers may be classified into 1) verbs and other parts of speech, 2) clauses and individual words or word-phrases, 3) more or less essential qualifiers and non-essential qualifiers, and 4) qualifiers with a formal marking of subordination to the leading verb and qualifiers lacking such marking (asyndesis). Two other important parameters are 5) whether the head verb is a finite verb or not, and if the latter, whether it is an infinitive or a participle, and 6) whether a qualifier is a conjunctive pronoun or not.

§ 73. Asyndesis

a) The verb **יכל** or its synonym **כהל** 'can, to be able' is more often than not followed, without any conjunction intervening to mark a logical connection, by another finite verb which is semantically the main one. With one exception, all examples show a syntagm [**כהל/יכל** (impf.) + impf.], wherein the two verbs agree, not only in tense, but also in gender, number and person: e.g. **לא אכהל אכלאנך** 'I shall not be able to restrain you' B2.1:6; **לא אכל אעל** 'I shall not be able to enter' D7.15:13; **לא יכהלון ירשון** 'they will not be able to institute (suit)' B2.9:11; **לא תכהל תהנצלנה** ['you will not be able to rescue him' C1.1:176. More examples may be found at B2.1:11, B2.2:12, B2.3:15, B2.6:31, B2.8:7, B2.9:11*bis*, B2.10:10, B3.1:11,12,18, B3.3:13, B3.4:12, B3.10:21, B3.11:15, B5.1:4. The principal verb may not immediately follow the lead verb: e.g. ... **יכלא למחסה** ... **לא יכהל בר וברה** 'a son or daughter will not be able to restrain Mahsah ...' B2.1:8; **לא אכהל אנה ענני אהנצל** 'I Anani will not be able to reclaim'

B3.7:14; also B2.7:8,11, B2.8:7, B3.4:17, B3.5:12,13, B3.8:41, B3.10:18, B3.11:12, B3.12:27. A long insertion has led to a shift in some grammatical categories of the second verb in *לא אכהל* ... *יכבשנהי עבד* ... 'I Uriah or son ... he shall not be able to press him (into) slave(ry)' B3.9:4, and likewise *לא אכהל* ... *אנה ובר וברה לי* ... 'I or son or daughter of mine ... we shall not be able to get up ...' B3.9:6; *לא אכל אשבקנה* 'I cannot leave her' D23.1 II:8. See also B2.9:10f, B5.1:5f. The one exception mentioned above is *ולא כהלן פצלן* 'and we were not able to cleanse (it)' B3.4:22, which departs from the standard syntagm by its use of the perfect, which is apparently a function of the opening conditional particle *הן*.⁽¹⁰³⁰⁾ The use of the pf. in the second verb is a most remarkable deviation, which can only be accounted for as a mechanical imitation of the standard pattern, where, however, the tense of the lead verb is determined by the general context and that of the second verb, the imperfect, is an indication of syntactical subordination. The following case with the conjunction joining the two verbs is only an apparent exception: ... *לא יכהל ענניה ולא יעבד דין* ... 'Ananiah will not be able not to do the law of ...' B3.8:37, where the inability not to do something can apparently be expressed only in this way, and not *לא יכהל לא יעבד*. Similarly in ... *לא תכהל יהושמע ולא תעבד דין* ... 'Jehoishma will not be able not to do the law of ...' ib.39.

Though the majority of the examples under consideration have *לא* with the lead verb, the negator is not an integral part of the syntagm, as is shown by the following examples: *כדי תכלן* 'as you can do for him' A2.3:4; *הן תכלן תהיתן* 'if you can bring' A2.5:5; *הן תכל תהך* 'if you can go' D7.45:2; *הן תכל תעבד/ר* 'if you can go across/do' D7.24:4.

The following are examples of extension of this syntagm: *זי צבית אהנצל המו* 'what he wants to do' A3.10:3⁽¹⁰³¹⁾; *זי צבית אהנצל המו* 'I desire to reclaim them' B3.8:41, B6.4:7.⁽¹⁰³²⁾ *יתעשת לי יתנו לי* 'Let one take thought of me. Let them give (it) to me. Let

¹⁰³⁰ Though a supralinear correction has *יתח*, an impf., 'he will come.' But the clause beginning with the conjunction *Waw* could be understood as a circumstantial clause.

On the corresponding Syr. verb *ʿeškah* used asyndetically with another finite verb, see Nöldeke 1966: § 337B.

¹⁰³¹ There is no need to take *יעבד* as a G passive, as Degen (1972b:16) does, when our idiom leads us to expect *יתעבד*.

¹⁰³² Perhaps possibly in a loose fashion: *נפשי צבית אהנצל* 'my soul desires to reclaim' B3.7:15, if not 'my soul desires: I shall reclaim.'

me hold-(it)-as-heir'⁽¹⁰³³⁾ A6.11:3 is highly problematic: (a) the change from the 3ms to 3mp, (b) a third verb asyndetically following, and that with yet another change from 3pl to 1s, though the third can be considered logically (and perhaps syntactically also) dependent on the second, and (c) the impersonal use of the 3ms of יַחַעֲשָׁה. The above-given translation is in line with the understanding by Whitehead (1974:83)⁽¹⁰³⁴⁾ of this structure. At A4.7:23, also in a petition to a higher authority, the same verb is used, but in the imperative and expanded by a subordinate infinitive: לַמְבִּנָּה עַל אֲנֻרָא זָךְ אַחַעֲשָׁה 'Give thought to that temple with a view to having (it re)built' A4.7:23. Hence the first two verbs at A6.11:3 are possibly in a relationship of subordinate asyndesis with a new feature of the formal discord between them.⁽¹⁰³⁵⁾ The final difficulty, namely the 3ms of יַחַעֲשָׁה, may be resolved textually by postulating either a scribal error for אַחַעֲשָׁה (impv.), perhaps a dittography caused by the preceding אֲבִי 'my father' or an accidental omission of מֶלֶךְ 'my lord' or such like.⁽¹⁰³⁶⁾

We note that this syntactic feature, particularly with the verb כָּהַל/יכל, is a favourite one in the Elephantine legalese, though by no means confined to it.⁽¹⁰³⁷⁾

b) A slightly different kind of asyndesis is a syntagm in which the second verb indicates what happened or will happen after the action indicated by the leading verb, or followed or will follow logically. This is common in a stereotypic phrase לָקַח לַפְשָׁה עָבַד לַנֶּפֶשׁ 'he took and made his own' A6.5:16, B7.2:6, and with the following verbs as the leading one: אָזַל, אָתַד, אָזַל (all three

¹⁰³³ The translation is that of Porten - Yardeni 1986:118.

¹⁰³⁴ "The staccato effect of these orders/requests issued in short asyndetic clauses ..., though his translation is prosaic: "Please consider giving (it) to me so that I might have it."

¹⁰³⁵ A similar discord is also discernible in the above-quoted A4.7:23, for the subject of the leading imperative is not identical with that of the following infinitive.

¹⁰³⁶ Whitehead (1974:83) adduces יִשְׁלַח A6.3:5 for his impersonal interpretation, but the actual reading is יִשְׁתַּלַּח (so his own reading: Whitehead 1974:44), which is a perfectly normal impersonal use of the passive: see below § 80 a.

¹⁰³⁷ An asyndetic syntagm also with כָּהַל as leading verb is known from OA, but with a significant difference, namely repetition of the negator with the second verb—also noted by Degen (1969:123): לֹא־כָהַל לֹא־שַׁלַּח יָדָיו 'I shall not be able to put out [a hand]' Sefire II B 5. See Degen 1969:127. It is thus not just that the auxiliary is "followed by a verbal form of the same conjugation & person" (Hoftijzer - Jongeling 1995:489).

verbs of physical movement[¹⁰³⁸], בוע, התב, כתב, אתכנש. Examples are: 'Go (and) kill!' C2.1:31(¹⁰³⁹); 'Go (and) did battle with the Marg[i]ans' ib.32(¹⁰⁴⁰); 'a lion went (and) approached [= went near]' C1.1:94; 'I went (and) found Ahigar' C1.1:76; 'Go, stand with him' D7.1:5; 'and I shall go (and) grind' D7.10:7; 'we sent (a letter and) informed' A4.7:29; 'a rescript (?) was written (and) given to us' A6.1:3; ... 'they assembled, went ..' C2.1:15+(¹⁰⁴¹); 'he took (and) made his own' A6.15:6, B7.2:6; 'Restore, give [= Give back] to Masapata. Let him make (them) over to my estate' A6.15:7; 'Restore, give to them ...' ib.10; 'Come, enter' D7.20:2. Here the leading verb is semantically more independent than כהל/כל, צבי, and the like, and yet it is fairly closely tied to the following verb.

This syntagm is exploited with impressive effect in the manner of the proverbial *veni, vidi, vici* to highlight the speed of a military expedition consisting of several actions occurring one after another at A4.7:8f. .. 'led (the troops) .. came .. broke into .. demolished it .. and smashed the columns ..' This contrasts with a series of juxtaposed verb phrases all neatly joined with the conjunction Waw in the immediately following lines, which give details of different types of vandalism perpetrated on the marauders' arrival: 'they demolished .. gateways and their doors .. they burned with fire and they took the basins .. and made their own' A4.7:9-13. The syndetic structure with a litany of heinous misdeeds perhaps gives an expression to the intensity of outrage felt by the local YHW worshippers and their sense of attachment to the symbol of their piety: "that scoundrel (לחיא) and his soldiers demolished

¹⁰³⁸ Similarly in OA: ... 'he should come (and) avenge the blood of ...' Sefire III 11,12 // 'you should come and avenge my blood.' It would be too uncharitable to the stone mason to suggest, as Fitzmyer (1995:153) does, same error twice in such a proximity. Whether the second verb indicates a purpose of the first (so Garr 1995:202f.) is largely a subjective consideration.

¹⁰³⁹ The Akk. reads: *a-lik-ma du-[ú]-ku*.

¹⁰⁴⁰ In the Akk. version the two verbs are separated by *itti uqu* 'with the troops.'

¹⁰⁴¹ In Akk. the two verbs are idiomatically joined by the enclitic *-ma/*: *ip-ḥu-ru-nim-ma .. it-tal-ku*.

this, *and* they demolished that, *and* they did this *and* that."

The asyndesis of this kind is not grammatically obligatory, as is shown in מלכא על ואול על ארשם נפק ואול 'when Arsham left and went to the king' A4.7:4.¹⁰⁴² The position of אול in the second slot has not caused this deviation from the majority rule, as demonstrated by the standing phrase אתכנשו אול mentioned above. Contrast also לקח עבד לנפשה A6.15:6 quoted above with לקחו A4.7:12f., though in the latter case the syndetic structure may have been purposefully chosen, as argued in the preceding paragraph and as also shown by the fronted position of לנפשהו.

That two asyndetically juxtaposed verbs can be separated is exemplified by לקחת לנפשך עבדת, 'you took (and) made (them) your own' B7.2:6, with which contrast לקח עבד לנפשה 'he took (it and) made his own' A6.15:6; קרבתא בוע כתתה הילל 'he thereupon tore his garment, lamented' C1.1:41.

In some of the cases cited above the first verb is semantically subordinate to the following one to some extent, which, however, does not have to be the rule, and this has not to do with the formal incongruence between the two verbs: we have two almost independent verbs in הושרו יהיו עלי אפריע 'Dispatch (them), let them bring (them) to me at once' A6.12:3. The lack of such dependence is manifest in a series of asyndetically juxtaposed verbs widely separated from one another as in "Naphaina led (דבר) the Egyptians ... They came (אחו) to the fortress ..., broke into (עלו) that temple, demolished it (נרשעה) leading verb... they smashed (תברו) them" A4.7:8f.

In אתם [א]תנצחו גרדא ונכסי[א זיל] 'You, be diligent in strictly guarding my domestic staff and goods!' A6.10:5 the second verb explicates how the diligence denoted by the first is to be manifested; sim. אתם אתנצחו [והנדרזא עבדו] // ib.4 מתנצחו ... נטרן 'You, be diligent and issue instruction to [m]y official!' A6.14:2.

c) Verbs such as כהל/יכל¹⁰⁴³, צבי, אבה, אחעשת and others discussed above can also be expanded by means of an infinitive. Examples are: לא אכהל למפלח בבב היכלא—כהל 'I shall not be able to serve in the gate of the palace' C1.1:17; למרשה ... לא אכהל 'I shall not be able to bring (suit)' B2.11:7; צבית למנתן—צבי 'you

¹⁰⁴² Cf. Dn 3.26 פקו ואחו 'Come out!', and see Muraoka 1966:160.

¹⁰⁴³ For a comparison of the two verbs as regards whether they take an infinitive or a finite verb, see Folmer 1995: 371-76, and on their distribution patterns in the Achaemenid period, see Folmer 1995: 634-40.

desire to give' B3.4:12,14,15,16; לא צבין למאחה 'they do not desire to come' D7.56:7; לא אבו למאחה—אבי 'they did not wish to come' ib. 5; אל תפשר למאחה—פשר 'Do not fail to come' D7.20:4; Take thought of this temple to (re)build it' A4.7:23; כלא—... למבנה 'I shall restrain you from building ...' B2.1:6, ... למבנה ... למחסה 'he will restrain Mahsah from building ...' B2.1:9; יאמר לכם ארמנתידת—אמר 'what Armantidata will tell you to load on it' A3.10:2; לא שבקן לן למבניה—שבק 'they do not allow us to build it' A4.7:23; לא שגציו למגעל—שגציו 'they did not succeed in breaking into' A6.7:7; I sent to him (asking) to explain the matter to me and I also sent to him (asking) to show the order to Hosea' D7.24:15⁽¹⁰⁴⁴⁾; שליט 'Let him be allowed to carry on that grant' A6.4:4, ... למבנה 'you have right to build ...' B2.1:11, sim. ib. 14, שליטן למלקח 'have right to take' B3.1:8⁽¹⁰⁴⁵⁾; צדיק א[נה] ל[ה]חסנוחה פסמי—צדיק 'I am entitled to bestow it on Psami' B7.3:6.

It is precarious to postulate another syntagm consisting of הן צבה אנת ברי זי phrase on the basis of one broken text: זי ברי צבה [] C1.1:149. [] תהוה 'if you desire, my son, to be []' C1.1:149.

There are two possible examples of a participle complementing its main verb: שרין יהבן פרס 'we have begun to give (out) allotment' D7.9:11; ולא כהלן פצלן 'and we were not able to cleanse (it)' B3.4:22. In both cases, however, the second verb may be a perfect.⁽¹⁰⁴⁶⁾

§ 74. Expansion by noun phrases or pronouns

a) *A noun phrase or a pronoun*, including their equivalents such as a demonstrative pronoun, a substantivised adjective and a numeral, can also expand a verb. A number of distinct parameters

¹⁰⁴⁴ On the morphologically difficult למחזה, see above § 37 h.

¹⁰⁴⁵ In the following case we observe a transition to an epexegetic infinitive: לא שליט בך למשנחכי ולמולכי 'not having control over you to brand you and to sell you' B3.6:6, where the infinitives explain how the control can manifest itself. Cf. 1QapGen 20.13 בכול מלכי ארעה אנתה שליט למעבד בכולהון דין 'you have (enough) power over all the kings of the earth to mete out justice to all of them.'

¹⁰⁴⁶ On the second case, see an alternative interpretation discussed above, § b. The corresponding Syriac verbs *D šarri* 'to begin' and *meškah* 'to be able' are both attested with the participle: see Muraoka 1987: § 97 and Muraoka 1997b: § 98 d. For examples of Jewish Aramaic שרי + ptc., see Sokoloff 1990:567a.

are involved in such a verb complementation: (1) the morphological category of the verb—participle or non-participle; (2) the morphological category of the complement—noun phrase or conjunctive pronoun; (3) whether complementation occurs necessarily mediated by a preposition or not; different meanings of a verb may require different complementation patterns.⁽¹⁰⁴⁷⁾ In fact, there are other potentially relevant parameters: (4) the semantic aspect, i.e. whether a given complement refers to an animate or inanimate entity; (5) the aspect of determination, i.e. whether the entity denoted by a given nominal complement can be regarded as determinate or not; (6) multiple complements; (7) verbs of physical movement; (8) the position of the complement in relation to the verb, and (9) the infinitive.

b) Direct government, namely no preposition occurs with the complement. E.g. with a definite object—בוע כחונה 'he tore his garment' C1.1:41; כתב חגי ספרא זנא 'Haggai wrote this document' B3.6:15; שלחת ספרה זנה 'I have sent this letter' A2.1:12, A2.2:17; with an indefinite object—לקחת מני ערבן 'you took from me a security' B3.1:13; with a participle—הוי לקח שערן 'Do take barley' A2.4:9.

c) Indirect government, i.e. mediated by a preposition. Here one needs to make a distinction between all sorts of non-essential adverbial complements and more or less essential complements, which latter are traditionally called objects, whether direct or indirect. For instance, in שלח לי ביד עקבה 'Send (word) to me through Akbah!' A2.4:6, the notion of agency is less essential than that of what is sent and to whom it is sent. Here we are concerned about essential complements. Which preposition serves as a marker of indirect government of a given verb is essentially a semantic and lexicographical question.⁽¹⁰⁴⁸⁾ Let a few examples suffice: ברכתכי לפתח 'I blessed you to Ptah' A2.1:2, A2.2:2, A2.5:1, A2.6:1⁽¹⁰⁴⁹⁾; קדם אסרי בריכה הוי 'Blessed be before Osiris'; גרין החוין בוידרג 'he allowed us to gloat over Vidranga' A4.7:16; לבר דבקה לביחא זילי 'we instituted (suit) against a son' B3.4:14; לברתך מפתיה 'adjoins my house' B2.1:4.

d) The preposition ל marking indirect government is unique in having two distinct roles, both of which are illustrated in למנתן לי לברתך מפתיה 'to give me your daughter Mipta(h)iah' B2.6:3.

¹⁰⁴⁷ For some general remarks on this subject, see Muraoka 1992:99-104.

¹⁰⁴⁸ Thus שלח, for instance, can be mediated through either ל or על: שלח לי 'Send (word) to me!' A2.2:8,9,10,16 // על תבי 'Send (word) to Tabi!' ib.6.

¹⁰⁴⁹ On this idiom, see Pardee 1976:221-23 and Muraoka 1979:92-94.

The ל of לי indicates the recipient as indirect or datival object, whereas the ל prefixed to ברתך indicates direct or accusative object, but the addition of ל for direct object is optional, and is usually lacking as in אנתן לך כספא 'I shall give you the silver' B2.1:13.⁽¹⁰⁵⁰⁾ Other examples of ל marking a direct object are: אנה יהבת לכי לביתא 'to give me Tamet' B3.3:3; אנה יהבת לכי לביתא זנה 'I gave you the house' B2.7:2; אנה יהבת לך בתיא אלה 'I gave you these houses' B3.7:14; שאלת מנך לנשן יהוישמע 'I asked you for Lady Jehoishma' B3.8:3; מלכא שאל לגבריא 'the king questioned the men' C1.1:77 // חלכיא גברין 5 שאל מן [נה]חחור 'he asked for Cilicians, 5 persons, from [Nakh]thor' A6.15:3; כחשת לאנתחי 'you struck my wife' B7.2:5, your wife I did not strike' B7.2:9⁽¹⁰⁵¹⁾ // גרדא 'he struck the domestic staff of my lady' A6.15:8; קטלו למרדיא 'they killed the rebels' C2.1:13 // קטלה המו 'you/I killed them' C1.2:4⁽¹⁰⁵²⁾; השכחת לאחיקר 'I found Ahigar' C1.1:76; חמרא רכב לאתנא 'the ass mounted the jenny' ib.186; [... חושן לי ...] חילא זילי למר[ר]יא 'Dispatch [to me] ... my tunic' D7.14:1; חילא זילי למר[ר]יא 'my troops killed the rebels' C2.1:16; [ק]טלו 'my troops killed the rebels' ib.33; אנה קטלה לגומת 'I killed Gaumata' ib.74; לא שבו לנתן 'they did not capture Nathan' D7.10:6. One notes (1) that the entity referred to by the direct object marked by ל is either animate or inanimate⁽¹⁰⁵³⁾, (2) that a direct object so marked may either precede or follow the verb⁽¹⁰⁵⁴⁾, and

¹⁰⁵⁰ Cf. also Folmer 1995: 340-71. There seems to be a dialectal contrast between the preposition Lamed as exponent of direct object and the particle ל, ית, יח in same function: the former is typical of our idiom and later Eastern Aramaic dialects, the latter of OA including Samalian (once in BA יתחון) and later Western dialects. On the whole question, see Kutscher 1961a:129-33. The author of the Hermopolis papyri does without any of these particles even where he could have used them, e.g. A2.1:2,12, A2.2:17.

¹⁰⁵¹ This pair demonstrates that the position of the object, whether before or after the verb, is not a determining factor for the use or non-use of the preposition.

¹⁰⁵² This ל in the Bisitun inscription corresponds to /ana/ in the Akkadian version, a preposition which is followed by a *dative* conjunctive suffix (von Soden 1965-81:47b), though von Soden (op. cit., 13 and 1995: § 114 e) regards this as an Aramaism.

¹⁰⁵³ Cf. Bauer - Leander 1927:340f.

¹⁰⁵⁴ Folmer (1995: 363) finds it significant that in 11 out of 16 certain instances of the absence of the preposition in her corpus the object precedes the verb.

(3) that, though such an object is mostly⁽¹⁰⁵⁵⁾ determinate, one comes across a case such as [יח]וזה גבר טב לגבר לח[ה] 'when a good man sees an evi[l] man' C1.1:99; וי יהשפל לאיש [ר]ם 'one who humbles an exalted man' ib. 150.

- Another instance of optional marking of an indirect object involves a G verb קבל 'to lodge a complaint': the word for a person with whom a complaint is lodged may be preceded by קדם 'before,' ל or zero as in ודין סגן קדם עליך אקבל 'I shall not be able to complain about you before a prefect or a judge' B3.1:12; יקבל עליכי לסגן ומרא 'he will complain against you to a prefect or a lord' B3.10:19, sim. B3.11:12; יקבל עליכי סגן ודין 'he will complain against you (to) a prefect or a judge' B2.3:13; קבלת עליך דין ומרא 'I complained about you (to) a judge or a lord' B3.2:5.⁽¹⁰⁵⁶⁾

Infrequent attestation renders it difficult at times to say whether the preposition ל is obligatory for the introduction of direct object or not. For instance, as against לברה חכם 'he taught his son' C1.1:1 we have only two more instances of the verb, in both of which the complement is a conjunctive pronoun: חכמה 'he taught him' ib.10; חכמה 'I taught him' ib.9. Likewise אמת תתירך לאמה חמת 'you expel her mother Tamet' B3.3:14, for the verb in question occurs only in its infinitival form with a suffix three more times: לתרכותה 'to expel her' B2.6:30, B3.8:30 and לתרכתי 'to expel you' B3.7:16. If החוין להם B8.12:5 means 'we showed to them'—להם, and not הומו—then the ל in לשמשלך החוין 'we showed (it) to Shumshillech and his colleagues' A6.2:8 would be the exponent of an indirect object. Also ambiguous is חמרא רכב לאתנא 'An ass mounted a jenny' C1.1:186, most likely a direct object. See also נמרא פגע לענוא 'a leopard met a goat' C1.1:166.⁽¹⁰⁵⁷⁾

e) In the majority of cases a conj. pron. synthetically attached to a verb is a direct (accusative) object. This is true of such high frequency verbs as יתב and נתן, both meaning 'give': e.g. לא אנתן למן זי תצבין הבהי 'we did not give it to you' B5.1:5; 'Give it to whomever you desire!' B2.7:16; למן זי רחמתן תנתנונה 'you may give it to whomever you like' B2.10:9.⁽¹⁰⁵⁸⁾ There are,

¹⁰⁵⁵ Thus *contra* Kutscher (1972:101 "רק לפני שם מידע").

¹⁰⁵⁶ It is now scarcely warranted to insert קדם, as Joüon (1934:38) proposed. Cf. also 1QapGen 20.14 פרעו על קבלתך 'I complained to you about Pharaoh.'

¹⁰⁵⁷ Perhaps a different meaning of the verb requires a different preposition: בך פגע זי 'who touches you' C1.1:102.

¹⁰⁵⁸ In contrast to Hebrew, in which a verb such as נתן often takes a dative

however, examples in which such a pronoun represents in fact an indirect object. Such a decision can be made when a noun phrase as a complement of such a verb is consistently marked by ל or some other preposition.⁽¹⁰⁵⁹⁾

Thus, a G verb כלא 'to detain, restrain' occurs 4 times with a conj. pron.: כליחך 'I restrained you' B2.1:7,13; כלוהי 'they detained him' A4.2:13; אכלאנך 'I restrain you' B2.1:6. On the other hand, we meet לה לבר או למחסה 'to restrain Mahsah or a son of his' B2.1:9. In a case like this we can only state that a conjunctive pronoun has the same value as a ל + a noun, without being able to say whether such a ל is an exponent of an indirect object or an optional exponent of a direct object. The same holds for another G verb גרה 'to institute suit.' Our corpus has 24 cases of it with a conj. pron. of person such as ודבב דין אגרנכי 'I shall not be able to institute against you suit or process' B2.8:7 and five cases in which a finite form of the verb is followed by a syntagm [ל + a noun]: e.g. הן גרוך וגרו לבר וברה לך 'if they instituted (suit) against you and instituted (suit) against son or daughter of yours' B3.4:18. Consider a kindred legal term, G רשה 'to bring suit.' Of its 40 occurrences, 24 are with a conjunctive pronoun referring to a person as in לי רשיחכם ורשכם בר לי 'I brought (suit) against you and a son of mine brought (suit) against you' B2.10:12. A noun complement, whether determinate or indeterminate, however, is always prefixed with ל: e.g. לא יכהלון ירש[ו]ן[נ]כ[ם] ... ולא יכהלון ירשון 'they will not be able to bring (suit) against you ... and they will not bring (suit) against your sons ...' B2.9:11; לא נכהל 'we shall not be able to bring (suit) against son or daughter of yours' B2.10:10.⁽¹⁰⁶⁰⁾ But we do not find a single case of ל + conj.pron.⁽¹⁰⁶¹⁾ In the light of this it is rather likely that the object is direct. In other words, ל is non-obligatory.⁽¹⁰⁶²⁾

On the other hand, if a verb consistently takes a pronominal

conjunctive pronoun: see Bogaert 1964 and Joüon-Muraoka 1993:§ 125 b, ba.

¹⁰⁵⁹ Cf. Folmer 1995: 351f.

¹⁰⁶⁰ But על also occurs once: למרשה עליך ועל בניך 'to bring suit against you and against your sons' B2.11:8.

¹⁰⁶¹ A participle must be treated as a separate category: אנת רשה לי 'you bring suit against me' B7.3:5.

¹⁰⁶² Thus "+ acc. obj." of Hoftijzer - Jongeling (1995:1086f., s.v.) is misleading unless it is clearly stated that every pronoun synthetically attached to a verb is accusative.

complement mediated by a preposition, especially ל, it is safe to regard such a complement as indirect object. This is true of verbs such as אָמַר לי: e.g. נָחָן, יָצַף, יָהֵב, אָמַר 'he said to me' A4.3:9⁽¹⁰⁶³⁾; כֶּסֶף וְנִכְסֵי יִהְיוּ לָהּ 'they gave him silver and goods' A4.5:4; חֲזַבְנָה לָהּ בְּכֶסֶף 'you sell (it) to him for silver' B3.12:24. Likewise with G יָצַף: אַל תִּצְפוּ לָנוּ וּלְמַכְבְּנֵינוּ 'Do not worry about us, about me and about Makkibanit' A2.1:7, אַל תִּצְפוּ לָהּ 'Do not worry about him' A2.2:3, אַל תִּצְפוּ לִי 'Do not worry about me' A2.4:12, sim. A2.3:4, A2.4:12. In אַל תִּצְפוּ לְחֲרוּדִי 'Do not worry about Ḥarudj' A2.4:3 one is therefore allowed to interpret the חֲרוּדִי as indirect object. There is no example of this verb with a conjunctive pronoun.

The D verb סָבַל 'to support, maintain somebody (materially, financially)' also involves indirect government, and the object appears to be direct. As a participle it occurs three times, each time with ל + a conjunctive pronoun (e.g. מְסַבֵּל לָהּ 'are supporting him' A2.3:5), and as a non-participial form it occurs four times with a conj. pron. of person (e.g. נִסְבְּלֶנָּךְ 'we shall support you' B3.6:13) and with ל + a noun phrase of person 4 times (e.g. נִסְבֵּל לְזִכּוֹר בְּרַךְ 'we shall support Zakkur your son' B3.6:12). In לֹא נִסְבֵּל לְזִכּוֹר בְּרַךְ 'we shall not support you, as a son would support his father, and Zakkur your son' B3.6:13 we have two syntagmata, namely a non-participial verb + a conj. pron. as well as with ל + a noun phrase, juxtaposed in one sentence.⁽¹⁰⁶⁴⁾

The G verb שָׂנֵא, though not of frequent occurrence in our corpus (8, including one reasonable restoration), appears to attest to indirect government: הִן ... תִּשְׂנֵא לְבַעְלָהּ 'if she ... hate her husband' B3.8:24, שָׂנֵאת לְבַעְלִי 'I hate my husband' B3.3:9, שָׂנֵאתִי לְאִשְׁתִּי 'I hate my wife' B3.8:21, sim. B2.6:23, B3.3:7⁽¹⁰⁶⁵⁾. It is, however, another question whether these objects are direct or indirect: if the use of ל was obligatory with a complement of this verb in our idiom, it would then be an indirect object. Or is the preposition here an exponent of direct object as in לְבַרְתֶּךָ

¹⁰⁶³ We have not found an example such as 1QapGen 19.19 יִבְעוּן לְמַקְטִילִי וְאַתָּה לְמַשְׁבֵּק 'they will seek to kill me, but you to spare,' where, reflecting וְאַתָּה in the Hebrew text fronted for contrast's sake (Gn 12.12), the preposition ל has been put to effective use.

¹⁰⁶⁴ Cf. a similar use of אָחַז in BH as in Dt 11.6 וְאִתָּהֶם וְאִתָּהֶם בָּתֵּיהֶם וְאִתָּהֶם בָּתֵּיהֶם 'and she swallowed them up as well as their houses and their tents' (Joüon - Muraoka 1993: § 125 f).

¹⁰⁶⁵ Two remaining occurrences of the verb in the corpus are those of a conjunctive pronoun.

discussed above (§ *ec*)?

f) A preposition of indirect object can be other than ל.

מן — 'if she shall reclaim from you' B2.4:10 and 'if I should reclaim him from you' B3.3:14 and לא 'I shall not be able to reclaim from you my field' B1.1:14.⁽¹⁰⁶⁶⁾ With these compare, 20 'he reclaimed from me silver, 20 karsh' B8.6:5. The first three examples also show the optional nature of the synthetic complementation, and the second example at B3.3:14 possibly indicates also that, in the case of double objects, one direct and the other indirect, the direct object has the priority over the indirect for synthetic complementation, as perhaps corroborated by the sequence of the two pronominal objects analytically expressed in לי 'Dispatch them to me' D7.9:16. Note לך 'I gave it to you' B2.7:16+; לי 'Send it to me' D7.4:7.

ב — 'he will inherit her [= from her] her goods and her property' B2.6:21⁽¹⁰⁶⁷⁾; לא 'I did not repay you your silver' B3.1:7,11 // כספא ib.15, שלמו לך 'I gave it to you' B2.7:16+; לי 'Send it to me' D7.4:7.

g) Double objects

Some verbs take two objects, direct and indirect. One is usually mediated by a preposition: עמר 'Let her dispatch to you wool' A2.2:7; יהב לכי רעיה עמר 'if Reia give you wool' A2.2:16; זבנת משה זית ליקה 'I have bought olive oil for Jake' A2.2:11; נפלג המו עלין 'we shall divide them to ourselves' B2.11:13.⁽¹⁰⁶⁹⁾ However, זבן in the sense of "to spend money (to obtain) something" takes two objects, neither of which requires a preposition, a phenomenon strange in our eyes: המו עבור 'you bought grain with them' A3.10:5. In the light of this we

¹⁰⁶⁶ The context of B8.2:15 is too fragmentary.

¹⁰⁶⁷ Thus the restoration in *TAD B*, ירחנה [בחכונ]נ[ת]ה ונכסיה וקנינה 'he will inherit from her her [mo]n[ey] and her goods and her property' B3.8:35 is reasonable. Kraeling's text (1969:206) contains a printing error; cf. his commentary (1969:219). The verb occurs no more in our corpus.

¹⁰⁶⁸ The first example perhaps means "I did not settle the matter with you by means of your silver that I owe you." As with ב- ירח, the preposition is basically instrumental.

Pace Cowley (1923:116), the איש מנדעם באגורא לא חבל ב- A4.7:14 must be local in view of חבל מרא עלין 'he will damage our land' C1.1:36: 'nobody caused any damage in that temple.'

¹⁰⁶⁹ On the striking על, cf. 2Ch 23.18 יהוה ... חלק על.

must take the suffix in *למזבנה עבֹר* 'to buy grain with it' ib. 9 as direct object. See also *אֶרְעָא אֶזְרַע מֶלַח* 'I shall sow the land (with) salt' D23.1 Va:13.⁽¹⁰⁷⁰⁾ The same can be said of some causative verbs: *יְחֹנִי אִפִּיךְ* 'May he show me your face' A2.1:2, sim. A2.6:2; *יְחֹנִי אִפִּיכֵן* 'May he let me see your face' A2.5:2, sim. A2.2:2, A2.3:2, A2.4:2; *הַחֹיִן סְפִינְתָא* 'he showed us the boat' A6.2:7. Examples of *חֹה* (¹⁰⁷¹) with a noun of a person to whom something is to be shown are: *לְמַחֲזָה מַעֲמָא לְהוֹשַׁע* 'to show the order to Hosea' D7.24:16; *הַחֹיִן לְעֶרְבִי יִמָּא* 'show an Arab the sea' C1.1:207; *הַחֹיִן לְשִׁמְשִׁלֵּחַ* 'we showed (it) to Shumshillech' A6.2:8. The second example with an indeterminate noun indicates that the object is most likely indirect, an interpretation possibly corroborated by *הַחֹיִן לְהֵם* B8.12:5 if it means 'we showed to them' rather than 'we showed them (to someone)' where the text is unfortunately not well preserved. Likewise *אֶחְסִנְתָּהּ פַּמְסִי* 'I [am] entitled [to] bestow it on Pamisi' B7.3:6. The suffix in *אֶכְסִנְכִּי מִשְׁכִּי* 'I will cover you with my skin' C1.1:166 must also be the exponent of a direct object.⁽¹⁰⁷²⁾ Examples with a pronominal direct object attached to a verb followed by another pronominal object, indirect, are: *יְחֹנִה לְכֵן* 'Let them bring it to you' A2.6:10; *יְהַבְתָּה לִּי* 'you gave me her' B3.8:3; *וִינְתְּנֵהּ לְכֵם* 'and let him give it to you' D7.29:9; *הוֹשִׁדְהִי לִּי* 'Dispatch it to me' D7.9:13. Here also belong verbs such as *גְּרָה* 'to institute (suit)' and *רִשָּׁה* 'to bring (suit)': see above, § *ed.* See also *שְׁקַפְתִּי רַגְלֵן* 'they beat me on the legs' B8.4:5.

In the passive transform the second object would become the subject of the verb in these cases: e.g., *בְּנָא לִּם זֵי מִן מְרָאִי יְהִיב* 'the domain which was given to me by my lord' A6.13:1.

h) In common with Aramaic in general⁽¹⁰⁷³⁾ our idiom also uses *הֵם/הִמּוּ*, a third person pl. disjunctive pronoun, as an exponent of direct object, and immediately after the verb. Examples are: *לֹא שְׁבַקּוּ הִמּוּ* 'they did not leave them' C1.1:98; *יִרְפּוּן הִמּוּ* 'they will heal them' ib.154; *יִשְׁבַּקּוּן הִמּוּ* 'they will release them' A3.1:6; *חִבְרוּ הִמּוּ* 'they smashed them' A4.7:9; *אֶחְנֹצֵל הֵם* 'I shall reclaim them'

¹⁰⁷⁰ Cf. the same general idea couched in a different syntactic form in Sefire IA 36 *מֶלַח בָּהֶן הָדַד יֶרַע* 'May Hadad sow in them salt.'

¹⁰⁷¹ No relevant example of *חֹה* is to be found in our corpus.

¹⁰⁷² Cf. BH Mal 2.13 *יְהִיבָהּ יְהוָה בְּדִמְעָתָא* '(for you) to cover the altar of the Lord with tears'; *יְהוָה כְּלָבוֹשׁ כְּסִיּוֹ* 'you covered it with the deep as with a garment' Ps 104.6.

¹⁰⁷³ On TA, SA and Mandaic as exceptional in this regard, see Muraoka 1992:99f.

B6.4:8. See also at A3.3:10, A3.8:5, 10^{bis}, 12, A3.10:5, A4.8:8, A6.7:7, B2.6:35, B2.7:5, B2.11:13, B3.8:42, C1.2:4^{bis}, D7.6:5, D7.9:17, D7.16:6, D7.17:2, D7.38:4.†

The rule that the disjunctive object pronoun must directly follow the verb overrides the "Pronominalregel" (§ 78 *bb*): הושרי 'Dispatch them to me' D7.9:16.

i) *Verbs of physical movement* with a complement indicating a destination call for special attention.⁽¹⁰⁷⁴⁾ Verbs belonging to this category are: G אול 'to go'; G אתה 'to come,' H 'to bring/take'; G הך 'to go'; G יל 'to transport'; H ישר 'to despatch'; G מטא 'to reach'; G נחה 'to descend,' H 'to make descend'; G נפק 'to exit,' H 'to bring/take out'; G נשא 'to carry'; G(?) סבל 'to carry'; G סלק 'to ascend'; G עלל 'to enter,' H 'to bring in'; G קרב 'to draw near,' D/H 'to bring/take near'; D שדר 'to send'; G שלח 'to send/send oral or written message.' Some of these verbs are complemented directly without a preposition to indicate a destination: e.g.

אול + ∅ 'servants of mine who are going with him to Egypt' A6.9:4, usually with ל of place (e.g. אול לאררט 'he went to Urartu' C2.1:20) or with על of person (e.g. אול על מלכא 'went to the king' A4.7:5).

אתה + ∅ 'you come to Egypt' A3.3:5, לא איתית המו 'I did not bring them (to) Memphis' A3.3:10, sim. A3.9:3 // אתה 'came to Memphis' A4.2:11, סן אתה 'is coming (to) Syene' D7.1:4, [א]תית ביתך 'I came (to) your house' B2.6:3⁽¹⁰⁷⁵⁾, brought (to) Susa' A6.12:1; with a person, על indicates a destination or recipient⁽¹⁰⁷⁶⁾, and ל a person who benefits from what is brought—אגרת ארשם זי היתיו על פסמשך 'the letter of Arsames which they brought to Psamshek' A6.15:4, בביתך 'I came to you at your home in Syene' B3.13:2 et passim // אתה 'I shall bring you something' A2.1:10, לן 'Let them bring us castor oil' ib.7; י מנדר[תנא] מנדרם לא מהיתה לי 'who is not bringing me the (agreed) re[nt] ... at all' A6.14:2.

הוך: no example of direct linkage between verb and destination⁽¹⁰⁷⁷⁾, but only with ל of place (תהך לבית אבוה) 'she shall go to

¹⁰⁷⁴ Cf. also Folmer 1995:589-621.

¹⁰⁷⁵ Given this fluctuation in syntax, one hesitates, *pace* Fitzmyer (1971:149), to assume a scribal error here for לביתך on the ground that this is the only case of a common noun indicating a destination with this verb, but lacking ל.

¹⁰⁷⁶ Hence אורו על ביתא זילי 'they came to my household' B8.4:4 (rather than 'house' as a building)?

¹⁰⁷⁷ But cf. Sefire III 5 חלב ידכן 'they go (to) Aleppo.'

her father's house') B3.8:28)⁽¹⁰⁷⁸⁾ and exceptionally with על of place (יהכנ על ביתא זך 'will have gone into that house' B3.4:23).

יביל 'Let them bring them (to) the house of Petosiri' D7.39:4⁽¹⁰⁷⁹⁾, in a standard dispatch address in Hermopolis letters (e.g. אפי יובל 'Let it be delivered (to) Luxor' A2.7:5, always with the destination preceding), but otherwise ל and על used indiscriminately (e.g. יבלתך לביהא זילי 'I brought you to my house' C1.1:48 // יבלתון על בתין 'you brought (it) to our houses' A3.10:5 followed by יתה עלין [יה] 'he will bring (it) to us' ib. 6).

H/A: always with ל + person (e.g. לה הושר לי ספר 'he did not dispatch to me a letter' A2.5:4).

מטא 'Seha reached Memphis' C3.27:2, עד 'until he reaches Egypt' A6.9:5, לממטה מדי 'upon arrival in Media' C2.1:25, but with an object of person usually with על as in [ת]מטא עליך זא 'when this letter reaches you' A3.8:6 (also A3.5:2, A3.10:8, B7.2:7:7, B2.8:5), all of which seems to suggest that when the destination is a person expressed as a conj. pron., it is indirect, being a shorthand for על + conj.pron., 'the tunic reached me' A2.1:4⁽¹⁰⁸⁰⁾ and with ל of place (e.g. רב חילא מטא לאבוט 'the troop commander arrived in Abydos' A4.3:3) or ב followed by a place-name (לממ[טא] 'upon arriving at Rakha' C2.1:41; בכנדור 'upon arriving in Media at Kundur' ib.25).

לא יחתון שאול + נחת 'they will not go down to Sheol' C1.2:6, 'Come down (to) Memphis!' A3.8:7 // חת למנפי 'you come down to Memphis' A3.8:11, with ל + pers. (beneficiary) as in הנחת לי כתון 'Bring me down a tunic' A3.8:13.

נפק: no instance of direct government, but ל of person (beneficiary) as in אפק לי חלי 'Take out for me an implement (?)' D7.7:6, ל of place (e.g. הנפקו לימא 'they took out to the sea' C3.7Kv2:1 et passim), and על with person as in ינפק עלי 'let him come out to me' D7.10:7.

נשא, סלק, סבל, נשא—no relevant examples.

תנעל ביתא זנה + עלל 'you shall enter this house' B3.12:22,

¹⁰⁷⁸ Cf. 'she may go off to wherever she wishes to' B2.25:28.

¹⁰⁷⁹ Possibly a haplography for בבית in view of ... יבלוני במח 'they brought me into the land of ...' B8.1:17.

¹⁰⁸⁰ Cp. especially the above-quoted [ת]מטא עליך זא 'when this letter reaches you' A3.8:6 with [...]מטא זא A3.9:2 with the same meaning.

על 'I will enter Syene' D7.24:2, with ל of place (e.g. עלו באגורא 'entered Egypt' A4.7:13), with ב of place (e.g. 'they made forced entry into that temple' A4.7:9 et passim), with ל + pers. (beneficiary?) as in על לך 'entered to you' D7.33:1, הנעלה לי תחת בידה לבש ו זי עמר 'Tamet brought in for me in her hand 1 woolen garment' B3.3:4 et passim.

קרב: with על of person ('קרב עלי' 'he approached me' C1.1:193; 'you will present me to him' C1.1:54)⁽¹⁰⁸¹⁾, also with אהקרב קדמוהי 'I shall present before him' A6.3:6).

שדר: with ל of person ([סנ]יא שדר לרמנ[א] 'a [bramb]le dispatched to a pomegranate' C1.1:101).

שלח: with על of addressee (e.g. 'he sent a letter to Naphaina' A4.7:7; 'מני שליח עליהם' (word) was sent from me to them' A6.2:6; 'May a letter be sent from my lord to Nakhthor' A6.13:2), // ל + person (e.g. 'כל זי' 'anything you want, send (word) to me' A2.4:7, // ל of beneficiary (e.g. 'שלחלי לבשא' 'Send me [=for me] a garment!' D7.21:4; 'זי שלח לי רוק' 'which Rauk sent to me' D7.24:14), with only one sure instance of a conj. pron. of direct object attached to a verb ('שלחה לי' 'Send it to me!' D7.4:7).

From the above survey it appears that some⁽¹⁰⁸²⁾ verbs of movement take a direct object of destination of place, but not of person (שלח, עלל, נחת, מטא, יבל, אתה, אזל). This direct linkage is sometimes replaced by indirect linkage by means of the preposition ל (occasionally ב). In the case of a personal destination, it is always mediated by a preposition, most commonly על, but also ל often indicating a beneficiary (so-called *dativus commodi*)⁽¹⁰⁸³⁾, but not always, hence as a free variant of על. Finally a conjunctive pronoun synthetically attached to a verb of this semantic category is mostly that of a direct object, the only exception being that attached to מטא, which takes such a pronoun as an equivalent of על + conj. pron.

¹⁰⁸¹ 'we shall offer on the altar' A4.8:25 is quite distinct.

¹⁰⁸² *Contra* Folmer 1995:609, who states "... most texts agree that the linking ... to this element [= toponym] is direct, without the preposition." In fact, her own statistics contradict her: 29 direct vs. 4 על and 33 ל.

¹⁰⁸³ Such a use of Lamed for *dativus commodi* is not, of course, confined to verbs of movement.

Folmer (1995:657), having compared the syntagmatics of הושר and שלח, states that the direct object of the verb הושר is usually goods. Moreover, its indirect object, always requiring ל, is personal. This supports our view that the preposition with these verbs indicates a recipient as beneficiary rather than an addressee.

j) In the case of a *predicatively used participle* its pronominal complement mediated by ל can be ambiguous, for the pronoun can represent either a direct or indirect object, since a participle does not take a conjunctive pronoun as its complement, which is always marked indirectly by means of the preposition. Therefore in cases such as *משאך בחלק* 'came (or: has come) to you as portion' B2.11:3,7,9,10 and *משאני חלק* 'came (or: has come) to me as portion' ib.5 the verb is a perfect, which fits the context.⁽¹⁰⁸⁴⁾ An example of what is most likely a pronominal direct object of a participle is: *לה שבק אנה לה* 'I am not leaving him alone' A2.4:4. This verb, most likely as a participle, occurs elsewhere in the same document with a bare direct object: *הוי לקח ... ושבק* 'Do take ... and leave every beam ...' ib. 10.

Where the same verb occurs as a participle alongside a non-participial form of it and both have a complement mediated by the same preposition, the complement must be an indirect object: e.g., *אל חצפו לי לכן אנה יצף* 'Do not worry about me. I (rather) worry about you' A2.4:12; *כדי חכלן תעבדן לה עבד אנה לה* 'as you could do for him, I am doing for him' A2.3:4.

k) Object complement

The object of a verb may be expanded by another complement in the form of an embedded nominal clause. That in clauses of this type, the complement, together with the object, forms an embedded classificatory nominal clause is confirmed by the st. abs. shown by these complements.⁽¹⁰⁸⁵⁾ Some examples are: + act. ptc.—*חזית עבדא זך מהלך חנה* 'I/you saw that slave walking about here' B8.3:4; see also the above-quoted A4.7:14⁽¹⁰⁸⁶⁾; + passive ptc.—*אבנצרך זי השכחו גניב* '1 dyer's stone which they found stolen' A4.3:3; *אשכחה שנטת כלה* 'I found it all frayed (?)' A2.1:4; *אגורא זך בנה השכחה* 'he found that temple already built' A4.7:14; *לא ישכון עלימחה מכתבה על שמה* 'they do not find his lass marked under his name' D7.9:6; *יהבת לכי בי חד מבני* 'I gave you a house renovated' B3.11:2; + adj.—*טבן ... אסרחאדן* 'I saw Esarhaddon's countenance favourable' C1.1:14; + noun—*יכבשהי* 'to press him into slave(ry)' B3.9:5; *למעבדה עבד* 'to make him slave' B3.9:6,7,9; *מרגו מלך עליהם עבדו* 'they made a Margian king

¹⁰⁸⁴ Thus, *pace* Hoftijzer (1983:114, n. m), the meaning of the obscure סרחלצה does not affect the question of the tense of משאך at A2.4:6.

¹⁰⁸⁵ See §46 *fa*.

¹⁰⁸⁶ *ואשכחה יתבה* needs to be emended to *ואשכחה יתבה* 'and I found her sitting' D23.1 II:9. Lemaire (1995:86) emends *ואשכחה יתבה*, translating it "il la trouva demeurant."

over themselves' C2.1:30. See also '5 stone gates built of hewn stone' A4.7:10⁽¹⁰⁸⁷⁾; 'I gave it to you (as) an after-gift' B3.11:7; 2 100 [x3] 'they captured 302 alive' C2.1:17. The notorious crux, אחרנן, in A4.7:8 may be interpreted in this light: 'Nephaina took the Egyptians with the troop, others (as reinforcements).'

⁽¹⁰⁸⁸⁾

In 'has been made an official' A6.4:3 we have a passive transform of the syntagm under discussion.

l) *Verbs of intellectual perception or communication*, those of saying, knowing, etc. can take a clause as their object introduced by a conjunction, mostly זי and its compounds: 'you should know that nothing is being brought to us' A2.5:2; 'it is known to you that Khnum is against us' A4.3:7; 'Make known how you are' C2.1:66; 'and I swore to him that it was mine' B2.3:24; 'I have heard that the officials ...' A6.10:3; 'to say that they do not find his lass' D7.9:5.

m) Verbs of intellectual perception or communication may also take as their object a clause introduced by an *interrogative word*: 'if I saw what you had in abundance' A2.1:5; [] 'to see how []' C1.1:37. The subordinator 'if' in ... זי C2.1:66 quoted above signals conversion of an original direct speech into a subordinate clause.

n) *Cognate object*

Some verbs are expanded by an object derived from the same root: 'branded on his right hand (with) a branded reading(?) in Aramaic' B2.11:4,6; 'he(?) will load him with a camel's load' C1.1:186; 'I heard exactly what the effort you put in was like ...' A3.6:2; 'the work you did' B2.4:10; 'the rebuilding which you will have executed' ib.12; 'they imposed upon you the oath to swear by YHW' B2.2:6; 'the oa[th whi]ch Menahem ... swore' B7.3:1.

¹⁰⁸⁷ Cf. Joüon - Muraoka 1993: § 125 v. Dt 27.6 'thou shalt build the altar of the Lord (as) whole stones' would typify an active transform in Hebrew of this Aramaic sentence. Another example of a passive transform is 'has been made an official in his stead' A6.4:3.

¹⁰⁸⁸ See our discussion on this passage at § 76 d.

o) *Object ellipsis*

Precision of the legalese seems to require the repetition of a conjunctive pronoun with each consecutive verb: *לא שליטה הי' למלקחה ולמנתנה לאחרנ' B2.4:9; 'to brand him and to make him slave' B3.9:7,9; 'to brand you and to sell you' B3.6:7.*

A verb object, however, may be elided when it is the second or the following of coordinate or otherwise linked verbs: *מן אחר גרד ... בעו והגעלו ... וספרו בשנתא זילי ועבדו על ביתא זילי* 'From elsewhere seek domestic staff ..., and bring (them) ..., and mark (them) with my brand, and make (them) over to my estate' A6.10:6. See also *לא יהבת לך ארקא וך למבנה* 'I did not give you that land to build (it) up' B2.4:14; *גבר זי תזבנון לה ביתא זך או זי ברחמן תנת-נאן* 'a person to whom you sell that house or to whom you give (it) in affection' B2.10:11; *יעבד פתכר ... פתכרן אחרנן והושרו יהיתו* 'Let him make a statue ... and other statues, and (you) dispatch (them and) bring (them) to me' A6.12:2; *ויהוי זבן גשרן ושבק בבחה* 'and do let him buy beams and leave (them) in his house' A2.2:14

At times an object must be mentally supplied from the wider context: *לא אהנצל מנכי למנתן לאחרנן* 'I will not reclaim (it) from you to give (it) to others' B2.3:18, sim.19; *למן זי צבית תנתן* 'you may give (it) to whomever you desire' B2.11:7,12, sim. B3.12:22+(¹⁰⁸⁹); *לא יהבת* 'I borrowed from you' B3.13:3; *לא יהבת* 'I did not give (it) to you' B2.3:20; *אנחן זבן ויהבן לך* 'we sold and gave (it) to you' B3.4:10. See also *אנח פחנום שליט בערבני למחד* 'you, Pakhnum, have right to my security to seize (it)' B3.13:10(¹⁰⁹⁰) and *אחה סון עם קנא לזבנה* 'is coming to Syene with the sheep to sell (them)' D7.1:4.

p) *Centripetal ל*

The preposition Lamed may follow a verb, usually one of physical movement, suffixed by a conjunctive pronoun matching the subject of the verb, to indicate complete dissociation of the subject from the environment: *אולה לי לביתי* 'I went away to my house' C1.1:22; *תהך לה אן זי צבית* 'she shall go off to wherever she wishes to' B2.6:25,28.(¹⁰⁹¹)

¹⁰⁸⁹ Cp. *למן זי רחמתי תנתן* 'you may give to whomever you love' B2.3:9 with *למן זי רחמתי תנתנה* 'you may give it to whomever you love' B2.10:9 (not same scribe).

¹⁰⁹⁰ Cf. 1QapGen 22.24 *אנחן שליטין בחולקהון למנתן לך* 'they have right to their share to give (it) to you.'

¹⁰⁹¹ On the centripetal Lamed, traditionally known under the misnomer of

q) Though akin to the above-mentioned centripetal use, there is another well-known use of the preposition Lamed, called by some authorities *dativus commodi* or *incommodi* (dative of advantage or disadvantage): שׂא לך זי ח[נ]ן שׂא מנן 'Carry away what you would carry away from us' C1.1:169; אשתמר לך 'Watch yourself!' ib.81,85. Unlike the centripetal Lamed, this kind of Lamed can be suffixed with a pronoun not matching the subject of the verb: e.g. כחנה זי החתי לי סון 'the garment which you brought for me (to) Syene' A2.1:6.

r) The prolepsis of an object pronoun so familiar in a later idiom such as Syriac (*šaddra:h l-malkā*: 'he sent her, the queen') is totally unknown to our idiom.

s) *The infinitive and its object.*

What has been said above concerning the complementation of a verb equally applies to the infinitive. What calls for special attention is a conjunctive pronoun attached to an infinitive. Such a pronoun invariably indicates the object of the infinitive⁽¹⁰⁹²⁾: G למעברה 'to make him' B3.9:6,7; D לחרככי 'to expel you' B3.7:16; G למשנככי ולמולכי 'to brand you and to sell you' B3.6:7; H להצלתי 'to rescue me' A1.1:7; [ל]החסנחה 'to bestow it' B7.3:7.

On the basis of the following examples one may conclude that the infinitive, unlike the pf., impf. or impv., allowed direct attachment of the object suffix "them": למושרתהם לכן 'to dispatch them to you' A2.2:13; מנחתותהם 'to put them down' C1.1:170⁽¹⁰⁹³⁾.

t) *Subject complement of a verbal clause*

In contrast to an object complement (§ k above) where the object of a verbal clause and its complement form a nominal clause, its subject may also form a nominal clause with a complement. E.g., והו יחלף לי ספר [חכים ומהיר] 'and he will succeed me as [a wise and skilful] scribe' C1.1:18; ... שגיא ירגש מלן שמע 'he will be greatly agitated, hearing words (such as ..)' ib.29; אחר דדרש מן[דעם] לא עבד מכת[ר] לי 'then Dadarshu did n[ot] do any[thing], wait[ing for me]' C2.1:17⁽¹⁰⁹⁴⁾; אחר מן בב[ל] [נפ]קת

ethical dative, see Muraoka 1978 and Joüon - Muraoka 1993, § 133 d, and on an alternative view as applicable to Syriac, see Joosten 1989. A Hebrew example is שבו לכם Gn 22.5.

¹⁰⁹² On the morphology of the syntagm and for more examples, see above at § 24 p and 38 e.

¹⁰⁹³ Kottsieper (1991:339) sensibly suggests an emendation מנחתותהם 'to put it (= רגלם 'their foot) down' as in the second version (line 171).

¹⁰⁹⁴ Though the Akk. version (line 53) has a pl. (*i-dag-ga-lu*?) for מכתר, the restoration is plausible in view of [מ]כחר לי ib.23 for which also the Akk. (line

[אֶל בָּבֶל] 'after that I depar[ted from Baby]lon, going to Mcd[ial]' ib.25.

u) *So-called accusative of limitation or specification* —

This is a use of a noun phrase which delimits or specifies the area of applicability of what is denoted by another noun phrase, whether explicitly or implicitly expressed, and its force can be reproduced in English by "in terms of, as regards" and the like: e.g. 5 ב 8 אַרְךְ אָמֵן 'it was 8 cubits by 5 in terms of length' B2.6:8⁽¹⁰⁹⁵⁾; לֶף כְּדָמִי כֶסֶף כְּנֹכְרִין 1 'a burnt-offering and sacrifices, in terms of worth, equal to the worth of 1,000 silver talents' A4.7:28.

§ 75. Expansion by adverbials

A verb phrase may be expanded by an adverbial in the form of a word or phrase which functions other than as direct or indirect object.⁽¹⁰⁹⁶⁾ Such adverbials can be classified in semantic terms: adverbials of time, place, manner, purpose, quantity, etc. They may be further classified in terms of grammatical form: single lexemes (mostly "adverbs"), noun phrases, cardinal numerals, prepositional phrases, subordinate clauses introduced by a subordinating conjunction, whether single or composite. Some examples follow.

Adverbials of *time*—אֶחָד אֶסְרַחְאֲדֹן 'thereafter Esarhaddon became fond of him' C1.1:11; שְׁלַחְתָּ לְךָ אֶתְמַל 'I sent (word) to you yesterday' D7.20:7; אָנֹה מִשְׁלָם מָחָר אִו יוֹם אַחֲרָיִן לֹא 'I, Meshullam, tomorrow or (the) next day, shall not be able to reclaim Pilti' B3.3:13; אַחִיקָר זִי קִדְמָן שׁוּבָךְ 'Ahiqar, who previously saved you' C1.1:46; ... שְׁלִיחַ ... זֶה 'and now this year ... it has been sent ...' A4.1:2; לְמַמְשָׁה מִרְדְּנִין אֶתְכִנְשׁוּ 'upon arrival the re[b]els assembled' C2.1:20; כִּזִּי חֲזִית אֶנְפִי אֶסְרַחְאֲדֹן 'when I saw the face of E., King of Assyria, good, I answered' C1.1:14; of *place*—לְךָ מִסְבֵּל 'there I was supporting you' C1.1:48; לְמִנְסַק עֲלֵא 'to go upwards' B3.7:13; מִעֲרַב שְׁמֵשׁ לֵה אֲגוּרָא זִי יְהוּ 'to the west of it (there is) the temple of YHW' B3.12:18; וְאִנֹּה מֵהֶלֶךְ בֵּין כְּרִמִּיא 'and I was walking among the vineyards' C1.1:40; of *manner*—חֲסִין נִשָּׂר 'he guarded firmly' A6.10:2; גִּבִּית עֲבָדִין 'acting thievishly' A4.2:5; לְמִן זִי רַחֲמַת תִּנָּחַן 'to whomever you give (it) affectionately' B3.12:23; הֵן עֲלִיךְ כּוֹת טַב 'if it so please you' A6.7:8; הֵן תֹּאמַר כּוֹת חִיבָה הִי 'if she says thus,

57) presents the pl. form.

¹⁰⁹⁵ Pace Joüon (1934:39) we do not find anything unnatural in the use of the pf. after הֵנְעִלָה 'she brought in' ib.6.

she is obligated' B6.4:8⁽¹⁰⁹⁷⁾; 'in accordance with what I did for you, so, then, do for me' C1.1:52; of *purpose*—'the king will send other men after us to see the corpse of this Ahiquar' C1.1:62; 'So do so that you may gladden the gods and Arsham' A6.16:2; of *quantity*—'Sennacherib the king liked me much' C1.1:52; 'and they demolished the temples of the gods of Egypt altogether' A4.7:14; 'May the god of heaven seek after the welfare of our lord abundantly at all times' A4.7:1; 'as much as I am doing for Ḥarudj thus may Banit do for me' A2.3:7⁽¹⁰⁹⁸⁾.

Other semantic categories are: *reason, ground or cause*—'he liked me on the (ground) that I saved you' C1.1:52; 'Do not be full of anger because I did not bring them to Memphis' A3.3:10; 'therefore they will call the ? sea-lion' C1.1:165; *negation*—'I shall not be able to serve in the gate of the palace' C1.1:17; 'Do not kill me!' C1.1:52; 'there is no lion in the sea' C1.1:165.

¹⁰⁹⁶ On the morphology of adverbials, see § 22 a-c.

¹⁰⁹⁷ Alternatively, כִּזְּ is equivalent to a direct object. Likewise ambiguous is כִּזְּ כִּזְּ עָבִיד, which may be translated either 'when such a thing was done' or 'when it was done thus' A4.7:15.

¹⁰⁹⁸ If one takes the כִּזְּ-clause as adverbial, כִּזְּ also would have to be so interpreted.

PART FOUR

SYNTAX

SECTION C

OTHER SYNTACTIC ISSUES

§ 76. Agreement and disagreement

a) A word-form which is variable with respect to the grammatical categories of gender, number, and status *agrees* in those respects with a word to which it is logically subordinate. This agreement takes place at either phrase or clause level. The agreement in status applies only to the st. abs. and det. at phrase level.⁽¹⁰⁹⁹⁾ Not every word category or part of speech is inflected in all the three above-mentioned categories: verbs and demonstrative pronouns, for instance, are not inflected with respect to status, and cardinal numerals are inflected with respect to gender only, and that only for "one" to "ten" inclusive as well as any higher number having a digit as its smallest component such as "thirteen" (= 10+3) or "thirty-three" (= 30+3).

A phrase level agreement concerns: [1] a noun and its attributive adjective (e.g. פקידא קדמא 'the former official' A6.10:1 [both ms.det.], ליומן אחרנן שניאן 'after many more days' C1.1:49 [all ms.pl.abs.], עשה טבה 'good counsel' C1.1:57 [both f.sg.abs.] // עשתא טבתא C1.1:42 [both f.sg.det.]; [2] a noun and its attributive demonstrative pronoun (e.g. ספרה זנה 'this letter' A2.4:13 [both ms.]); [3] a noun and its quantifier (e.g., masc. שקלן תלתה 'three shekels' B3.12:5 vs. fem. חפנן תלת 'three handfuls' A6.9:3).

A clause level agreement concerns: [1] a noun subject and its predicative adjective (e.g., לבבה טב 'his heart is good' C1.1:95); [2] a noun subject and its verb predicate, including a participle

¹⁰⁹⁹ C2.1:19 וְהוּמַס (ש[מה] (עלימי פרסי) must mean 'Vahumisa by [na]me, my servant, a Persian,' and not 'my Persian servant,' which would require פרסיא.

(e.g., 'our forefathers built that temple' A4.7:13); [3] a noun or its equivalent such as a proper noun and a personal (whether conjunctive or disjunctive) or demonstrative pronoun referring to the former (e.g., 'gates ... and their doors' A4.7:10; 'that Vidranga' ib.6). Where a referent is animate, its grammatical gender and natural sex converge (e.g., 'I am relying on you [= the writer's mother]' A2.7:2).

In the following paragraphs we shall be chiefly concerned with cases of real or apparent disagreement.⁽¹¹⁰⁰⁾

b) Disagreement in gender

ba) In the case of multiple referents of mixed genders the masculine gender is made to double for both genders (*genus potior*)⁽¹¹⁰¹⁾: 'we shall divide them (= ... ולילו) (m.) המו' B2.11:13; 'their mother ... and Lilu her son' B2.11:13; 'to dispatch them (m.) (= 'oil' [m.] + 'tunic' [f.?] כתן' A2.2 11⁽¹¹⁰²⁾; 'a beautiful vessel' [f.] שפרה' A2.2 11⁽¹¹⁰²⁾; 'a son or daughter supports his father' B3.6:11; 'other sons and wife' B2.6:33.⁽¹¹⁰³⁾ See also 'other son or daughter' B2.3:10.

bb) In 'Let a letter be sent (m. ישתלח) from you to them' (f. תשתלח) A4.7:24 and 'the wood (pl. in the Aramaic) which will be given' A6.2:18 we may have *partially transformed passive sentences* in the manner of BH 'the words of Jacob were reported to Rebekah' Gn 27.42.⁽¹¹⁰⁴⁾ In 'Let a letter be sent from my lord ..' A6.13:2 we do have a case of "proper" concord, though in both here and at A4.7:24 cited above the subject precedes.

By contrast, in A4.7:27 it is possible to render 'it [= your action] will be considered a merit for you before YHW.'⁽¹¹⁰⁵⁾ An apparent carelessness may be excused in '(any) month in which I do not give you interest it will become capital' B4.2:4 where the

¹¹⁰⁰ Cf. Folmer 1995:429-96.

¹¹⁰¹ Note, however, the striking sequence in 'my mother and my father' B3.5:19 (for the expected 'אמי ואבי).

¹¹⁰² Though we do not know what the 3fp suffix may have looked like.

¹¹⁰³ This is also a case of disagreement in number, for we expect 'אחרתן.

¹¹⁰⁴ Cf. Joüon - Muraoka 1993: § 128 b.

¹¹⁰⁵ So Cowley 1923:114.

grammatical subject is מרבית, a fem. noun, whereas the subconscious subject is כסף or דהב, a masc. noun: the writer may be thinking of the amount of interest rather than the feminine word מרבית; cf. also ישאר זי 'its interest which shall remain' ib.9, and cp. ... מנדחא זי גבי מנה ועבד 'the duty which was collected from it and made over to ..' C3.7Ar2:1 et passim, כל כסף גברין זי גבי מנה ועבד 'all (the) silver of (the) men which was collected from them and made over to the (store-)house of the king' C3.7Fr2:6; see also מנדחא זי הנה יחיד בשנת 10 'the du[ty] (fem.) which was surplus (masc.) in year 10' C3.7Dv2:1, sim. ib.2 and C3.7Dv1:1. Since יד 'hand' and עין are fem. as a rule, one would have to admit gender disagreement in the following two fragmentary passages or take the nouns in question as objects: יהשחחן ידי as meaning 'they will destroy my hands' C1.1:155 and עינין טבן אל יאכמו 'Let them not darken good eyes' ib.157. But a decision on these two cases depends also on our view whether our idiom had a form for the pc. 3fpl. distinct from that for the 3mpl. (see above § 24 j). A similar uncertainty prevails in respect of משה אנרחא 'the letters arrived' A4.2:15.

bc) In זא באישחא עבד לן 'this evil has been done to us' A4.7:17 the disagreement between the masc. עבד and its fem. subject is to be regarded as a mere error or solecism. The scribe's careless grammar is betrayed a few lines later in נשיא זילן כארמלה 'our wives are being treated like a widow' ib.20 where he ought to have written עבדין.⁽¹¹⁰⁶⁾ See further אבנצרף 1 זי השכחו גניב 'dyer's stone 1 which they found stolen' A4.3:3; אנה 'you Jehoishma, my daughter, have right to the hou[se]' B3.7:8. Cf. also לכה יתבת 'if Reia [a woman] gave you wool' A2.2:16⁽¹¹⁰⁷⁾.

c) Disagreement in number

ca) The category of dual is known only in nouns in their st. abs. and the cardinal numerals for "two" and "two hundred." For the purpose of agreement the dual is treated as plural: thus עינין טבן 'good eyes' C1.1:157; חרותין מלן 'two things' C1.1:187.

cb) In some cases, as mentioned above (§ bb), one may be dealing with partially transformed passive constructions⁽¹¹⁰⁸⁾,

¹¹⁰⁶ The first, A4.7:17, can be understood as a case of imperfectly transformed passive (§ bb), but not the second.

¹¹⁰⁷ That is, if רעיה does not mean 'the shepherd.'

¹¹⁰⁸ For Folmer (1995:457-59) also, the passive voice is apt to lead to disagreement, though her perspective differs from ours.

though it is difficult to say whether the same consideration applies to the sg. כתיב in ... כתיב בספרא זנה 'this house whose measurements and boundaries is (sic!) recorded in this document' B3.12:22 and כתיב בספרא זנה 'this house whose measurements is (sic!) recorded above' ib.28. The same scribe, however, is capable of writing in the same year כתיב בספרא כנחיא אלך זי מנעל B3.11:7. See also כתיב בספרא כנחיא אלך זי מנעל B3.13:5; כל כסף 'that emmer (pl.) that is mentioned above' B3.13:5; כל כסף 'all silver and goods [that] will be found (sg.) ...' B7.3 palimpsest [נח]חזור שאל מן 'one asked for 5 Cilicians from N.' A6.15:3 may be a defectively spelled G pf. passive used impersonally: see below at § 80 a.⁽¹¹⁰⁹⁾

cc) In a long sentence the train of thought seems to become lost, leading to grammatical disagreement: ... כל גבר זי] בעה באיש ... כלא קטילו וחזין בהום 'every one that] sought evil ... they were all killed and we gloated over them' A4.8:15 // כל ... כל גברין זי בעו ... כל 'one asked for 5 Cilicians from N.' A6.15:3 may be a defectively spelled G pf. passive used impersonally: see below at § 80 a.⁽¹¹⁰⁹⁾

cd) In the following case, what we perceive as disagreement may not have been so perceived by the speaker of our idiom: 'our wives are being treated like a widow' A4.7:20 where our logic demands "widows."⁽¹¹¹⁰⁾

ce) A *collective noun* such as חיל and גרד may be treated as plural, even if it is singular in form: מה זי לקחת נכסן] מן גרדא החב 'whatever you took from the domestic staff in the way of possessions, restore, give to them' A6.15:9; sim. 'like other domestic staff' A6.12:2⁽¹¹¹¹⁾; חילא זילי למר[ד]יא ק[ט]לו 'my troop killed (pl.) the rebels' C2.1:16; 'this troop had been leasing' A5.5:9; שמדת חילא יהודיא 'the names of

¹¹⁰⁹ See Whitehead (1974:105f.), who is, however, troubled by the disagreement.

¹¹¹⁰ This is also a case of disagreement in gender. Cf. Mt 9.4 ὡς τί ἐν ὑμῖν ποιεῖται ἐν ταῖς καρδίαις ὑμῶν, which is rendered in English as "why do you conceive evil in your hearts?," but in Dutch as: "Waarom overlegt gij kwaad in uw hart?" (sg.).

¹¹¹¹ For an alternative interpretation, see § 66 a.

the Jewish troop' C3.15:1.⁽¹¹¹²⁾

cf) A peculiar kind of *plurale tantum* is נשׁ(׳)ן, often prefixed to the name of a woman in legal documents and treated as sg. in נשׁן רבה 'a great lady' C3.9:12+; נשׁן 1 'woman, 1' B3.4:3. That this cannot be called "pluralis majestatis" is manifest from its application to a slave woman in נשׁן חפמתה 'Ms (?) Tapamet' B3.6:2.⁽¹¹¹³⁾

cg) In the case of multiple subjects, whether or not joined by the conjunction Waw, the verb, where it precedes⁽¹¹¹⁴⁾, often agrees with the first subject noun, the rest being accorded less weight: נשׁן ונשׁין חפמתה אנתהך וברך 'you, along with your wife and your son swore to me ...' B2.2:4; אמר ענני ... ונשׁין חפמתה אנתהך 'Anani said ... along with Ms Tapamet his wife' B3.12:1; אמרה אנתה סלואה ברת ... ויחומה אחתה 'Salluah daughter of ... said, along with Jethoma her sister' B5.1:1; אנת ענניה ... שליט בביתא יך ובניך מן 'You, Ananiah ... have right to that house and (so do) your children after you and (anyone) to whom you desire to give (it)' B3.4:11; ... אנה פיא ובני אנתן 'I, Peu, and my sons will give ...' B2.8:9; אנת ידניה שליט בפטוסירי ... ובניך אחריך 'You, Jedaniah, have right to Petosiri ... and (so do) your children after you' B2.11:6.

In the following example, however, a similar concatenation of multiple subjects mediated by the preposition עם is surprisingly in concord with a plural verb: לי לא משחמען לך 'Armapiya with the troop which is at his command do (sic!) not obey me' A6.8:1. In the following cases, by contrast, the multiple subjects carry equal weight, hence the verb in the plural: אנת ידניה ומחסיה ... הוטבתם לבבן 'You, Jedaniah and Mahseiah, satisfied our heart' B2.9:8; אנה מנחם וענניה רחיקן אנתה מנך 'I, Menahem and Ananiah, we are withdrawn from you' ib.9.

In standard legal formulae in which a number of legal persons who could be involved in a case are mentioned, the overriding

¹¹¹² As in the immediately preceding example, the qualifying element is in the sg., agreeing with its head: וזה יהודיא (hardly יהודיא). This also speaks against regarding אחרן in אחרן עם חילא אחרן A4.7:8 as a simple attribute of חילא (discussed below, [d]), for otherwise one would expect חילא אחרן or חילא אחרנא. On the "distributive" force of the noun חילא, "soldiers" as against "army," see Joüon 1934:41-44.

¹¹¹³ Cf. Joüon 1934:51f. and see also above at § 47 c.

¹¹¹⁴ Folmer (1995:455f.) sees a strong correlation between the word order (PS) and disagreement, which is a statistically interesting discovery, though it does not *explain* why a preceding predicate is liable to trigger a disagreement. Moreover, Folmer does not apply the same argument to cases of disagreement in gender.

consideration is "Should any one of these persons act in a certain manner," hence the singular form of the predicate: הן גרך אח ואחה 'should brother or sister, near or far, institute (suit) against you' B3.2:8. If the series of multiple subjects consists of groups of individuals, the use of the plural is readily understandable: והן אנחנה ובנין ובנתן ואיש זילן ... ירשונכם 'and if we or our sons or our daughters or a person who is ours ... should bring (suit) against you' B2.9:12.

A scribe, however, sometimes begins with a verb in the singular agreeing with the first of multiple subjects, as required by the context: אמר מחסיה בר נתן 1 ידניה בר נתן 1 כל 2 ארמין זי סון 'Mahseiah son of Nathan, 1, Jedaniah son of Nathan 1, all (told) 2, Aramaeans of Syene, said' B2.11:2.

Where a sentence begins with an auxiliary verb such as יכל followed by multiple subjects and then the main verb, various thought processes seem to be involved.⁽¹¹¹⁵⁾ In לא יכל אח ואחה בר 'Brother or sister, son or daughter, near or far shall not be able to institute (suit) against you' B5.1:5 the sg. יכל was chosen because the following אח was initially dominant in the writer's mind, but when he reached the end of the long series of multiple subjects, he decided to adjust the form of the main verb. On the other hand, in standard legal formulae, as dealt with above, the chief thought seems to be about any one of the individuals listed, hence the 3ms as in לא אכל אנה ובני זרע זילי 'I or my sons or a descendant of mine or any other person will not be able to bring (suit) against you' B2.7:8. Cf. also יתן ... יתן אח ואחה קרב ורחק 'I, or brother or sister, or near or far ... shall give' B2.7:10. Where such a list of multiple subjects consists of groups of individuals, the main verb is a 3mpl. form as in לא ... יכלן ואיש זילן ... יכלן 'we or our sons or our daughters, our brothers or a person of ours ... will not be able to br[i]ng (suit) against you' B2.9:10.

ch) In some cases one must reckon with plain *scribal errors*: שפירה 'two things are beautiful' C1.1:187 (for שפירן); למא אלהיא יסגה בעדרה ויהתיבנהי עליך 'lest the god come to his aid and turn it back to you' C1.1:126 (for אלהא)⁽¹¹¹⁶⁾; מחזי 1 זי נחש שרה

¹¹¹⁵ Cf. Folmer 1995:492-96.

¹¹¹⁶ To assume, as Lindenberger (1983:118) does, an error for .. יהתיבנה יסגן is too far-reaching, and this despite Lindenberger's (1982) theological argument. Moreover, Joüon's (1934:26) argument that our corpus does not use אלהא on its own for "God," has now been disproved in the light of new texts: ואלהא

... '1 bronze mirror worth ..' B2.6:11 (cf. .. שויה '1 mirror worth ..' B3.3:5); 5 שקל '5 shekel' B2.6:14.⁽¹¹⁷⁾

ci) It is possible to regard שניא preceding a (plural) noun as in st. cst. just like כל⁽¹¹⁸⁾ שניא בנן 'a lot of sons' C1.1:90; מזה שב כביך שניא 'what good is the abundance of your thorns?' ib. 101.

Obviously this שניא must be viewed differently than שניא in שניא 'many years' A6.14:4 where it follows a noun. Though it is not absolutely certain that, in שלם ושררת שניא הושרת לך 'I hereby send you abundant welfare and strength' A6.3:1+, שניא is an attributive adjective (quantifier), and not an adverb, there is no such doubt about כרבן שניא 'many lies' C2.1:65; לימן אחרנן שניא 'after many more days' C1.1:49.

cj) The following examples in a customs account seem to be a class of their own, items tallied in a list often appearing in the singular: 2 מן ספינה רבה 'from 2 large ships' C3.7Dr1:22; עק 2 סמכת 'wooden support, 2' C3.7Dr2:5; 5 ספינה 'boat, 5' C3.7Ev1:6. Also in a list: 4 כל נפש 'all (told) soul 4' C3.9:5; in an account—רכיסה 6 'string of beads, 6' C3.28:105; 10 כסף זי חפלה 'amulet of silver, 10.' ib.106.

ck) The word שלם in a greeting in a letter presents a special problem: e.g. שלם אמך וינקיא כלא 'It is well with your mother and all the infants' A3.3:12. Its part of speech is not clear: is it a noun in the st. cst. or an adjective? If the latter, it seems to be indeclinable. On the other hand, though attested outside of our corpus, the following cases suggest that the word is not an ordinary substantive, either: 1QapGen 21.19 שלם אנשי שלם 'I found all my men well'; 5/6HevEp 11.3 הו שלם 'Keep well!'⁽¹¹⁹⁾ This usage probably has its origin in an oral greeting, which has subsequently become fossilised.

cl) שלם of distributive force is functioning as a kind of adverbial adjunct in גבר חלקה נהחסן 'we shall divide them among ourselves and take possession, each of his portion' B2.11:13.⁽¹²⁰⁾

שכן 'and the god saved us' D1.32:5 and ואתי שביקה לאלהא 'you are released for the god' B3.6:10.

¹¹¹⁷ One may assume an error resulting from incomplete scribal correction: שקל: 1 incompletely corrected to 5 שקל instead of 5 שקלן.

¹¹¹⁸ Cf. Lat. *multum auri* 'a lot of gold.'

¹¹¹⁹ Cf. an Aramaising Hebrew version: Bar Kochba 5.13 הוי שלום 'Keep well!' See Kutscher 1961:123f.

¹¹²⁰ For a similar syntax in BH, see, e.g., Gn 26.31 וישבעו איש לאחיו 'and they swore to each other.'

cm) זנה or דנה of cataphoric force as predicate may be followed by the subject in plural: ... זנה שמהת נשיא זי 'this [= the following] is (sic!) the names of the women who ...' A4.4:4; דנה תחומהי 'this is (sic!) its borders' B3.11:3; זנה שמהת חילא יהודיא 'this is (sic!) the names of the Jewish troops' C3.15:1.⁽¹¹²¹⁾ However, cases of agreement are also attested: e.g. והא אלה תחמי ביתא זך 'and behold, these are the boundaries of that house' B3.4:7.⁽¹¹²²⁾

d) *Disagreement in state*

This occurs only very rarely. Two of such examples involve the use of the adjective אחרן זילי 'my other properties' A6.10:8 where one expects אחרניא; אחרניא אחרן; A4.7:8 where again one expects אחרנא if the clause mean 'Naphaina led the Egyptians with the other troop' (¹¹²³), where we propose taking אחרן as an "accusative of specification"—'Nephaina took the Egyptians [= the priests of the Egyptian god Khnub (line 5)] with the troop [under his command as] others (i.e. reinforcements).' To take אחרן as in apposition would virtually amount to the same thing. Another possible case is חילא [זי] בפרס זעיר 'the small force [whi]ch (was) in Persia' C2.1:38 where the scribe or translator may have considered the adjective as predicative, which, according to the Aramaic syntax, should be in the st. abs.⁽¹¹²⁴⁾ Both words are quantifiers in a certain sense.

Very striking is והן מטא תנין שנה 'and if a second year has arrived' B3.1:7 where the numeral as well as the verb are masculine, disagreeing with שנה, a fem. noun. Furthermore, the

¹¹²¹ Cf. Germ. *das sind die richtigen* and Fr. *ce sont mes frères*. On this question, see Paul 1960:304f.

¹¹²² The same scribe, Haggai, writes: ... והא זנה תחומי ביתא ... 'this is [sic!] the measurements of the house ... and behold this is [sic!] the boundaries of the house ...' B3.12:6-8. Cf. also below at § 77 *be*.

¹¹²³ So Porten - Yardeni 1986:71; Wagenaar 1928:20 ("benevens ander krijgsvolk"); Cowley 1923:113 ("with the other forces"); Grelot 1972:409 ("avec d'autres militaires"—note the indeterminate); Ginsberg 1955:492 ("with the other troops"). See also above, § *ce*, n. 14.

¹¹²⁴ The Akkadian version, however, reads; *ú-qu šá KUR par-su mi-i!-ši šá-ni-tu*, 'the other small Persian force.' At C2.1:44 Porten - Yardeni (1993:66) want to restore [עם] חילא זעירן '[with] the sma[ll] troop,' but Greenfield - Porten 1982:38 had restored [m] *hyb z'yr*, for which the Akk. version reads *it-ti ú-qu i-ši* 'with a/the small force.' Here Porten - Yardeni apparently have adopted Wesselius's suggestion (1984:443), though not his syntactic analysis as reflected in his translation, 'a troop, few soldiers,' i.e. apposition. We would translate, 'the troops, few (in number)': on the emphatic state of the noun, see § 46 *k*.

position of the numeral is abnormal.

In ברתא 'a (female) servitor of YHW the god, dweller of Elephantine the fortress' B3.12:2 שכן is in the st.cst., "dweller of."

e) *Special cases of agreement*

In "if she do thus, it is hatred (שנאה הי)" B3.8:33 the subject pronoun does not refer to a particular noun mentioned earlier, but to a general thought expressed earlier, and the feminine gender of הי has been made to match, by attraction, that of the preceding predicate, similarly at B6.4:4; הן פקיד לך אשה יקדה הי 'if you have been issued an order, it is a burning fire' C1.1:87.

§ 77. Word-order: Nominal clause

a) We adopt the traditional twofold classification of clauses into nominal and verbal, the former lacking a finite verb as one of its two major components and the latter having such.⁽¹¹²⁵⁾

We shall see that, whether nominal or verbal, our idiom presents a considerable degree of freedom in its word-order, and it is remarkable indeed that there is hardly a case in the entire corpus in which this freedom could have caused serious difficulties in communication.⁽¹¹²⁶⁾ It is in the nominal clause that the word-order variation indicates some significant functional opposition, which is rather rarely a factor in the verbal clause.⁽¹¹²⁷⁾

b) *Bipartite nominal clause*

A bipartite NC with a disjunctive personal pronoun as one of its constituents shows the sequence P - S(pers.pron.) when no prominence is intended for the subject, and the predicate in such a pattern appears to be prominent.⁽¹¹²⁸⁾ Examples are plentiful: הן

¹¹²⁵ For a general survey of recent discussions on this subject with special reference to Hebrew, see Joüon - Muraoka 1993: § 153-154 a.

The following abbreviations will be used: Adv = adverbial other than object; dem = demonstrative; NC = nominal clause; NPd = determinate noun phrase; NPid = indeterminate noun phrase; O = object; O₁ = direct object; O₂ = indirect object; P = predicate; pers = personal; Prep = prepositional phrase; Pron = pronoun; Ptc = participle; S = subject; V = verb; VC = verbal clause.

¹¹²⁶ It is commonly assumed that the fairly rigid word-order in Modern English resulted from the loss of case endings. See, e.g. Bloomfield 1933:197.

¹¹²⁷ A good example of a functionally significant fronting is "Don't worry about me. About you I worry (לכן אנה יצף)" A2.4:12, sim. A2.1:7; פתפא זנה דבו 'This ration give them' A6.9:5 where the fronted object is due to an anaphora, sim. ib.6, A4.4:8.

¹¹²⁸ Thus the use of "moi" is unjustified in להי רחם אנה להי "moi, je l'aime"

בזי ועירן 'whether I am alive or dead' A2.5:9; 'because we are few(er)' A4.2:7; '... that it is mine' B2.3:25; 'it is yours' B2.7:7; 'he is obligated' B3.8:42; 'she is obligated' B6.4:8; 'I am old' C1.1:17; 'it is a punishment⁽¹¹²⁹⁾ from God' ib.128; 'for he is a bad person' ib.138; 'if he is a beloved of gods' ib.163; 'I am glorious in my wealth' ib.206; 'how you are' C2.1:66; 'blessed be you' A3.3:2.

ba) When the predicate in an NC of the pattern P - S(pers.pron.) is expanded by a prepositional phrase or such like, this latter follows the S, which thus assumes an enclitic position: 'it is no loss to you' A4.3:9; 'if it is thus in accordance with these words' A6.11:3; 'that house you are not entitled to sell' B2.4:6; 'she is not entitled to take it ...' ib.9; 'it is yours from today and for ever' B3.5:4; 'it is v[ery] good counsel' C1.1:57; 'it is sharper and mightier than a [double-jedged knife]' ib.84. Also B2.7:16. One may include here an emphatic, resumptive disjunctive pronoun as in: 'it is yours, you Jedaniah and Mahseiah' B2.10:8.

bb) Where the particle זי is followed by a NP or an adverbial, mostly a locative prepositional phrase, such a זי can be interpreted as the S of the relative clause: see above at §§ 42 *a* and 68. E.g., 'to its corner, which is above' B2.1:4 and 'from the corner of my house, which is above' ib.5. Here we may include 'to give me Tamet by name, who is your maid, for wifehood' B3.3:3.⁽¹¹³⁰⁾ In view of this the pronoun המו is striking in 'there are slaves who are mine' B8.7:5. The text is broken after the pronoun, so that it may be part of the following clause.

bc) In the majority of the examples mentioned above the P is indeterminate. Hence the pronoun in 'יהבחה לך דרירסי' 'I gave it to you, the southern room—it is east of the large room of mine' B3.10:3 probably introduces

D23.1 II:8, 13 (Lemaire 1995:84), for רחם on its own cannot mean 'J'aime.'

¹¹²⁹ On this meaning of the noun, cp. Peshitta and Targum at Lv 20.20, Nu 19.13 etc. The gender of the pronoun here is probably determined by the preceding P. See also 'it is a burning fire' C1.1:87.

¹¹³⁰ The reading is somewhat uncertain.

the subject of the following phrase.⁽¹³¹⁾ See also B3.10:9, B3.11:3bis,6. The *הו* positioned in such an explanatory gloss does not have to be emphatic as in the cases to be dealt with in the following subsection, § *bd*.

This kind of *הו*, which introduces a gloss is common in a double dating of a document: *ב 20 לאדר הו יום 8 לכיחך* 'On the 20th of Adar, that is day 8 of Choiak' B3.11:1, sim. B2.1:1, B2.3:1+; *בירח אלול הו פאון[ני]* 'In the month of Elul, that is Pay[ni]' B2.9:1, sim. *חשרי הו אפף* 'Tishri, that is Epiph' B3.8:1. Once this pronoun introduces a gloss on a preceding term in a foreign language: *פלג תרבעא הו פלג תחית מצרית* 'half of the courtyard, i.e. half of the *hyt* (in Egyptian)' B3.10:4, but the other way round in *שליטא אנתי בתחית הו תרבעא* 'you have right to *hyt*, i.e. the courtyard' ib.13, sim. ib.15; *כסף כרשן 5 הו חמשה* 'silver, 5 karsh, i.e. five' B3.5:15, sim. B2.3:14.

bd) *S(pers.pron.) - P*

This is a sequence in which a disjunctive pers. pron. as the *S* often is accorded some measure of prominence. We find this sequence, for instance, when one *S* is contrasted to another: *הי אנתי ואנה בעלה מן יומא זנה ועד עלם* 'she is my wife and I am her husband from this day and for ever' B3.3:3, sim. B2.6:4, B3.8:4, B6.1:4. The use of this sequence is understandable in legal documents in which claims are staked out between contesting parties: ... *אנח שליט למבנה* 'you have right to build ...' B2.1:11; *אנח רחיק מן כל דין* 'you withdraw from any suit' B2.2:15, sim. B2.3:9, B2.4:11, B2.8:11, B2.9:15, B2.11:6, B3.1:7, B3.10:20, B3.12:22; *ואנתי שביקה מן מלא לסמשא* 'and you are released from the shadow to the sun' B3.6:8, sim. ib.10. Cf. *אנח כלך כבן* 'you are all thorns' C1.1:102; ... *אנח שגיא פחסחו לי* 'you are very praiseworthy to me' A6.16:4 (words of praise).

be) *Dem.pron. - NP*

This sequence is similar in function to the two examples with *הו* mentioned towards the end of a subsection above (§ *bc*). For example, *הא זנה יקיר [קד]ם שמש* 'Behold, this is precious in the presence of Shamash' C1.1:188. In all the remaining instances of this pattern the dem. pron. is cataphoric, and is often preceded by the presentative *הא*: e.g. *הא אלה שהדיא* 'these [= the following] are the witnesses' B1.1:15; *הא אלה תחומי ביתא זך* 'Behold, these are the boundaries of that house' B2.7:13; *הא זנה תחומי ביתא זך* 'Behold,

¹³¹ So also Kraeling 1969:240 and Grelot 1972:243, and *pace* Porten - Yardeni 1989:89 "I gave it to you—that is the southern room."

this is [= these are] the boundaries of that house' B3.5:8⁽¹¹³²⁾; **הא** ... 'behold this is [sic!] the names of the women who ...' A4.4:4; ... 'this is the crime which ...' A4.5:3. So also B2.11:3,5; B3.4:7, B3.7:5, B3.11:3, B3.12:6-8*bis*; C3.15:1. But the pronoun is also anaphoric in the Bisitun inscription in statements summing up a military campaign as in **זנה** 'this is what I did in Parthia' C2.1:29; sim. ib.35,50,62. The dem. pron. of this type is best regarded as predicate.

No instance of the reverse sequence has been found.

bf) When a prepositional phrase is one of the constituents of a bipartite NP, the sequence *S.NP* - *Pprep*⁽¹¹³³⁾ is the norm. Examples are: with NP_{id}—**שלם לחרוץ חנה** 'it is well with Ḥarudj here' A2.3:3; **כסף שנאה בראשה** 'silver of hatred is on his head' B3.8:22, sim. B3.3:8, ib.9; **וכוין בה** 'and there are windows in it' B3.4:5, sim. B2.10:6⁽¹¹³⁴⁾; **דש חד בה** 'there is one door in it' B3.10:13; with NP_d—**וארח מלכא בניהם** 'and there is King Road between them' B2.10:6; **ושוק מלכא בניהם** 'and King Street is between them' B3.4:8,10; **וספרא זנה בידכי** 'while this document is in your hand' B2.3:18,22; **זי אל עמה** 'he with whom El is' C1.1:91.

The reverse sequence, *Pprep* - *S.NP*, occurs solely in legal documents in giving relative orientation of a property: e.g. **לעליה** 'above it is the house of Shatibara; below it is the way of Khnum the god' B3.4:7; **למערב** 'to the west of it there is the temple of YHW the god' ib.9. A phrase lacking a preposition may be regarded as syntactically equivalent: **מערב שמש לה אגר חרי רבתא** 'to the west of it there is the wall of the large room' B3.10:11 (by the same scribe, Haggai, as B3.4 cited above). Note the presence of the two patterns next to each other in **ושוק מלכא ... תחתיה לה אגורא** 'and up above (there are) open widows there.' B2.3:6*bis*,7; B2.7:13*bis*,14,15; B3.5:9*f*,10, B3.7:5,6,7*bis*; B3.10:10,11

bg) *Subject elided*

The third person subject of a bipartite NC in the form of a disjunctive pers. pron. may be elided when it has been mentioned in the immediately preceding clause. For instance, **קבל זי לא כתב** 'since (it) is not recorded in your marriage document'

¹¹³² On the disagreement in number (and gender) between the dem. pron. and the following noun, see above at § 76 *cm*.

¹¹³³ *S.NP* = noun phrase functioning as subject.

¹¹³⁴ Cf. **ומעלא כוין פתיון תמה** 'and up above (there are) open widows there.' "Open windows" here probably means apertures, slits in a wall.

B3.11:7; 'now, behold, (they) are coming there to you' A4.3:5.

In B3.11:5 it is as possible to see two short clauses loosely joined together—'above it is the house of the shrine of the god, (it) adjoins it wall by wall'—as to take בית קנחנתי דבק as the grammatical subject of דבק and regard the whole as one long clause. Similarly B2.10:5^{bis}, 7; B3.5:9, 11, B3.10:9, B3.11:6.

A different kind of one-member NC is represented by הן על 'if it please our lord' A4.5:7; cf. [ן] ובנתון המו עבד ויבלחון 'if you bought grain with them and brought (it) to our houses, (it is) good' A3.10:5. Also A6.3:5.

The impersonal 3mp also lacks, by definition, its subject: לא 'they do not allow us to build it' A4.7:23, but in 'they are coming there to you' A4.3:5, followed by חזו עליהם 'Look after them!' "they" refer to specific individuals.

Subject deletion is only apparent in the case of phrases introduced by זי 'my son, who is not my son' C1.1:30; 'the burden which is not his' ib.185; 'a well which is built inside the for[t]ress and does not lack water to give to the troops' A4.5:7.

bh) הַא - NP

Another type of one-member NC is introduced by the presentative הַא (Fr. *voici*): ... 'and behold, the measurements of that house which ...' B3.5:5; 'and behold, the boundaries of the house which ...' B3.10:8; 'behold, its boundaries' B2.10:4; 'behold, the bread you dispatched' D7.44:7. Also B2.2:7; B2.7:7. Let us note that, almost without an exception⁽¹¹³⁵⁾, the NP in this pattern is determinate. This presentative particle can also introduce a well-formed clause as in 'Behold, these are the boundaries of that house' B2.7:13; ... 'Behold, this is [sic!] the names of the women ...' A4.4:4 // 'behold, the names of the men ...' ib.6. Finally, in a similar description of a plot of ground we encounter a caption-like 'Its boundaries: ...' B2.3:5.⁽¹¹³⁶⁾

¹¹³⁵ The text is broken at ... 'behold many years that ...' A6.14:4.

¹¹³⁶ This 'its measurements' ib.4 should be interpreted in the same way, so that the preceding הַא in הַא is to be construed with what precedes.

bi) Existential NC with אייתי

Whilst the existence of an entity in a certain location can be predicated with the pattern *NP* - *Pprep* as shown above (§ *bf*)⁽¹¹³⁷⁾, here our focus is on clauses containing אייתי⁽¹¹³⁸⁾, a specific particle of existence.

In affirmative existential NC's, the NP is mostly indeterminate, and the sequence is אייתי - NP: והן אייתי כסף 'if there is money' A3.4:4; לי אלף חדה בידכם 'I own a boat in your hand' A3.10:2; ... אייתי עבדן זי 'there are slaves who ...' B8.7:5. See also A2.3:9; A2.4:3; A3.1:4; A3.10:3; A4.5:6; A6.7:2; B1.1:15; B2.6:19,32,33; B4.5:2; B4.6:3. In only three instances do we have a determinate NP, though in two of them it can be viewed as essentially indeterminate: אייתי פמון שמה 'there is (one) named Pamun' A6.11:1; אף אייתי חבא שמה 'moreover, there is (one) named Taba' B2.11:12; ... אייתי נכסא 'there are the goods ...' B2.9:5.⁽¹¹³⁹⁾

The sentence-end position of אייתי in כקר[י]ה חסינה זי מין[ן] 'like a strong city in the midst of which there is water' C1.1:95 is unique.

In negative existential NC's, the NP mostly occupies the first slot: אייתי אריה לא 'there is no lion in the sea' C1.1:165; ובר דכר ונקבה לא אייתי לה 'there is no injury' A3.3:7; מן אסחור בעלה 'without her having any male or female child by Eshor her husband' B2.6:20, sim. ib.18, B3.8:29,35; עבידה לא 'I have no suit with them' B8.9:2; וכן מלח לאית בביתא 'and if there is no salt in the house' D7.2:3. Exceptions are: דין לא אייתי לי עמהם 'I have no other son or daughter ...' B2.3:10; זרע 'if there is no cucumber seed' D7.3:2; קנן 'I have no rods(?)' D7.4:8.⁽¹¹⁴⁰⁾

bj) No case has been confirmed of אייתי used redundantly as a copula as in some later dialects⁽¹¹⁴¹⁾.

¹¹³⁷ We might include the following: שלם לן חנה 'we are well here' A4.2:2.

¹¹³⁸ On variant spellings איית and אית, see § 22 *f*. Expressions of non-existence by means of לא אייתי, לאייתי, and לאית will also be discussed here.

¹¹³⁹ Pace Whitehead (1974:80, 210-16) there is no need to postulate extraposition in cases such as A6.11:1.

¹¹⁴⁰ This opposition in word-order between positive and negative existential sentences is not arbitrary, for the entity the existence of which is about to be negated can be said to be "given," a theme, thus contextually determinate. Cf. Japanese *koko ni hon ga aru* 'there are books (*hon*) here' as against *kokoni wa hon wa nai* 'there are no books here' or 'books—there aren't here.'

¹¹⁴¹ Notably Syr.: see Muraoka 1987:66. Lindenberger's (1983:159f.)

bk) The predicate of הוה, or subject in an existential clause, irrespective of tense or mood, regularly precedes הוה: *pf.*—וידרנג 'Vidranga, who was Chief here' A4.5:4, A4.7:5; 'to Vidranga the Chief, who was here' A4.8:5; ... נפין ברה זי רבחיל הוה 'Naphaina his son, who was troop commander ...' A4.7:7; 'there was the unrest in Egypt' A6.11:2; 'which was mine' or 'it was mine' B2.3:3⁽¹¹⁴²⁾; 'on his counsel and words the whole of Assyria was (dependent)' C1.1:43; זי ביב 'which was built in Elephantine the fortress' A4.9:4, sim. A4.10:9; 'the land became mine' C2.1:29; זי רב 'who was commander' ib.59; 'who were previously with me' ib.74; *impf.*—'who will be after me' C2.1:64; 'he will become your seal-bear[er]' C1.1:19; 'that document which ... will be a forgery' B2.3:16; 'he shall be my son' B3.9:5; 'that Jedaniah shall, moreover, be my son' ib.8; *impv.*—'Be a man!' A3.3:7; 'Be joyous and strong!' A4.7:3; 'Be pure!' A4.1:5; 'Be in favour before the god of heaven!' A4.3:2. Compare this with the related, but distinct syntagm of the periphrastic הוה + active ptc. as in הוה 'Do send!' A6.1:3; on this syntagm, see § 55 g.

bl) S.NP - P.NP

אמה 'H̱or is a servant of Hananiah' A4.3:8; חור עלים חנניה 'his mother is Taba' B2.11:4; 'the opening of his mouth is an utterance of god[s]' C1.1:162; 'a king is like (the) merciful' ib.91; 'a man's charm is his reliability, and his hateful aspect is his lips' C1.1:132; 'a man

restoration 'like a mighty city which is built on a hill' C1.1:95 is to be rejected in favour of 'like a strong city in the midst of which there are water' (Porten - Yardeni 1993:38). Lindenberger cites Dn 3.17 'like a strong city' to illustrate this allegedly copulaic use of איתי, but there it has a very specific asseverative function, which is ill-suited to the context at C1.1:95. The position of איתי at the very end of the clause, however, is striking, though it does not necessarily indicate a negative clause, if our psychological analysis as presented in the preceding footnote applied. On the asseverative איתי and Heb. יש, see Muraoka 1985:77-81.

¹¹⁴² In any case, הוה is hardly to be construed with the following 'its measurement(s),' which is in fact a sort of caption: "Its measurements: its length from below to above ..." The same applies to תחומיה 'its boundaries'

who chops wood in the dark without seeing is (just) as a thief ...' ib.173.

bm) Where the predicate is an adjective *Padj - S.NP* is the usual pattern: מלחם פה מן ארב כי עוז 'for ambush of mouth is mightier than military ambush' C1.1:83; רכיך ממלל מלך שדק ועוז 'Soft is the speech of a king (yet) it is sharper and mightier than a [double]-edged knife' ib.84; ועיר כצפה מן ברק 'his anger is swifter than lightning' ib.85; שפיר מלך למחזה כשמש ויקר 'Beautiful is a king to look at like the sun (or: Shamash) and precious is his splendour' ib.92, but שפירה מלך שפירה 'two matters are beautiful' ib.187; ובניך שליטן אחרך 'and your sons have right after you(r death)' B3.12:23.⁽¹¹⁴³⁾ In איש שפיר מדדה 'a man (whose) stature is beautiful and good is his heart ..' C1.1:95, the position of לבבה is possibly influenced by the immediately preceding מדדה, resulting in a chiasitic structure.

bn) The subject also precedes when its predicate is זיל + *a conj.pron.* as in אנרא זילך אפם 'the wall is, moreover, yours' B2.1:10; ארקא זילך 'that land is, moreover, yours' B2.2:15; ארקא זילכי 'that land is yours' B2.3:19⁽¹¹⁴⁴⁾; ביתא אפם זילכי 'the house is, moreover, yours' B3.5:16; ביתא זילך 'the house is yours' B3.12:30.

bo) Pptc - Spers.pron

Examples are: ... ספינתא זי מהחסנן אנחנה 'the boat that we hold in hereditary lease ...' A6.2:3; כען עליכי מתכל אנה 'now I am relying on you' A2.7:2; בריך אנה 'blessed be you' A3.3:2; אף פרישן 'moreover, we are separated' A4.5:10; איך זי עביד אנה 'how you are doing' C2.1:66; רחם אנה להי שניא 'I love her very much' D23.1 II:8, 13.

Any increment to go with the participle follows the subject pronoun, so that the core [Pptc - Spers.pron] forms an indivisible syntagm: ... לה מנס אנה לה 'I do not make him leave ...' A2.2:3; בוך שלח אנה עליכם 'for that (reason) I am sending (word) to you' A4.3:9; זי אמר אנה להם 'which I am telling them' A6.8:2, with which cp. לך יאמר לך 'the affair of my estate which Psamshek will tell you about' ib.; הן צבה אנה ברי 'if you desire, my son' C1.1:149; ... ליהישמע אנה ... 'then I say in Elephantine the fortress ... to Jehoishma ...' B3.7:1. In the light of this rule, the restoration [אנה] '[I] am

(line 5).

¹¹⁴³ Parallel to אנה ענני שליט בה ib.22.

¹¹⁴⁴ Probably not "that land of yours": see above, § 59 *d*.

happy with it' A4.2:12⁽¹¹⁴⁵⁾ is somewhat problematic.⁽¹¹⁴⁶⁾

bp) There are only a handful of examples of the reverse sequence [*Spers.pron.* - *Pptc*]: *... זי אנת רשה לי ענליה* '... on which you are bringing (suit) against me' B7.3:5; *עבר לקבל זי אנת עשת* 'Do just as you think' C1.1:68; *אנחנא שקקן לבשן* 'we have been wearing sackcloths' A4.7:20, where the pronoun can be said to be a mark of self-assertiveness in a letter of bitter complaint.⁽¹¹⁴⁷⁾ *אמרן* in *אנחנא אמרן* A4.5:10 may be a pf., 'in accordance with that which we have said'; *אנחן בען אלף* 'we are seeking a boat' A2.6:9.⁽¹¹⁴⁸⁾ A similar ambiguity about the tense of the verb which might have existed in *לכן אנחן יצפן* 'it is rather about you that we are worried (or: we worried)' A2.1:8 is resolved by reference to *לכן אנה יצף* 'it is rather about you that I am worried (ptc. יצף)' A2.4:12. In *ואנתם כן לא עבדן* 'but you are not doing so' A6.10:5 the fronting of the pronoun is due to a contrast. In the first two cases, B7.3:5 and C1.1:68 the position of the pronoun may be due to an element of confrontation between the two parties concerned. Lastly *ואנה מהלך בין כרמיא* 'whilst I was wandering between the vineyards' C1.1:40 is a rare circumstantial clause.⁽¹¹⁴⁹⁾

bq) Examples of a NP subject having a participial predicate are rather less frequent than NC's with a ptc. and other classes of S (§ *bo*, *bp*): *כען עבדך ידניה וכנותה כן אמרן* 'now your servant, Jedaniah, and his colleagues say thus' A4.7:4; *אדן מומאה מטאה* 'then the oath reaches you' B2.8:4⁽¹¹⁵⁰⁾; *... מועה שמש ליה אוצר* 'to the east of it the royal treasury adjoins wall to wall the protecting wall' B3.11:3, sim. *ib.5,6*⁽¹¹⁵¹⁾;

¹¹⁴⁵ So Porten - Yardeni 1986:56.

¹¹⁴⁶ On the unlikelihood of "one portion," see § 67 *b*.

¹¹⁴⁷ Degen's (1979:41) "... es [= *אנחנא*] korrespondiert wieder mit dem folgenden *זילן נשיא*" does not seem to us to be a good enough reason for the fronting of the pronoun.

¹¹⁴⁸ We know that a disjunctive pronoun, when used with a finite verb, precedes the latter: see § 39 *e*. On the interpretation of the example in A2.6:9, cf. Grelot 1972:166, *m*.

¹¹⁴⁹ Circumstantial clauses are rare in Aramaic. In Classical Hebrew circumstantial clauses the subject idiomatically occupies the first slot.

¹¹⁵⁰ *מטאה*, a pf., is expected.

¹¹⁵¹ For another possible interpretation, see above at § *bf*. The participle would then be comparable with a subject complement of a verbal clause (§ 74 *s*).

^{1151a} For a recent general discussion on this subject, see Muraoka

... 'if something good issues out of the mouth of ...' C1.1:171 // [פמהם מן] 'if something bad issues out of their mouth' ib.172; 'my heart is not attached to it' A2.1:5; 'our wives are being treated like a widow' A4.7:20; 'Arampiya with the troop which is at his command do not obey me' A6.8:1; 'Bagasrava knows this order' ib.4; 'and Tapamet and Aḥatsin are supporting him' A2.3:5; 'Now your servant Jedaniah and his colleagues say thus' A4.7:4.

br) A nominal clause of the sequence *S-P* is the norm for a circumstantial clause subordinate to the main clause and following it and connected to it by the conjunction *Waw*: 'a leopard met (or: meets) a goat when she was (or: is) naked' C1.1:166; 'it shall not be accepted in court as long as this document is in your hand' B2.3:17, sim. B3.1:12,13,19; 'and should Ananiah die without having a male or female child ..' B3.8:28, sim. ib.34, B2.6:17,20. Though the text is broken, we have most likely a circumstantial clause in 'and I was walking among the vineyards' C1.1:40. Possibly also the notorious crux in 'gates .. they smashed with their doors (still) standing' A4.7:9.

c) Tripartite nominal clause^(1151a)

A NP introducing a NC may be given prominence by means of an immediately following disjunctive pronoun of the third person, which matches the former in gender and number. The result is often an identificatory⁽¹¹⁵²⁾ NC comparable to a cleft sentence as in "It is my father that told me that." Thus the pattern is [*NP₁—Disj.pron.—NP₂*]. Much use is made of this

[forthcoming].

Naudé (1994), in his discussion of this structure in BA, rejects the notion of the pronoun being a pure copula or a resumptive pronoun involving extraposition, or "left dislocation" in his terminology, and argues that its function is that of a clitic used where the predicate is determinate when otherwise ungrammatical clauses would ensue. This is contradicted by examples in our corpus (see below at § *ca*), and we do not believe that BA is unique in this regard.

¹¹⁵² On the definition of "identificatory" different from the general usage, see Muraoka 1985:7f. and Joüon - Muraoka 1993: § 154 *ea*, n.3. To regard this kind of pronoun as copula (Bauer - Leander 1927: § 72 *d*; Fitzmyer 1956:31) is rather unsatisfactory: cf. Muraoka 1987: 61, n.122 and Joüon - Muraoka 1993: § 154 *i, j*.

structure in legal documents as in *זה ספר זה אני כתבתי לך* 'it is this document which I, Anani, wrote for you, that is valid' B3.11:16; ... *יהוישמע* 'it is Jehoishmah that hol[ds] on to him in (regard to) his house ...' B3.8:29. Likewise B2.4:6,12; B3.3:11,12; B3.5:17,18; B3.10:22. See also *מזדין זה* 'it is a Mazdean who has been set over the province' A4.2:6; .. *אני* 'I am Ahīqar who ...' C1.1:46⁽¹¹⁵³⁾; *אחי* 'Is not Harudj my brother?' A2.3:8⁽¹¹⁵⁴⁾; *מהי* [= מה הי] 'what is this that you have not sent a letter to me?' A2.5:7; *מיהו* 'who is the one who would stand before him?' C1.1:91⁽¹¹⁵⁵⁾; ... *בניך מן מבטחיה המו שליטן בה* 'it is your children from Mibtahiah that have right to it ..' B2.4:12; *בני זי ילדתי לי המו שליטן בה* 'it is my children that you will have born to me that will have right to it' B3.5:17.

Comparison between *מבטחיה הי שליטה בביתה זי אסחור* 'it is Miptahiah that has right to the house of Ešhor' B2.6:18 and ... *אסחור זה ירונה* 'it is Ešhor that will inherit her ...' ib.21 shows that the same *זה* is playing an identifying role, now in a NC and now in a VC.

In *חנם זה עלין* 'Khnum is against us' A4.3:7 one may compare *זה* to an accusing finger.

ca) Another type of tripartite NC has an enclitic pronoun in the third slot. Here the NP₁ has been extraposed, or to use the classical terminology, is a *casus pendens*, and to use Jespersen's scheme, the pattern can be expressed as S—P—s.⁽¹¹⁵⁶⁾ We submit that the pronoun is not playing an identificatory role as in the cases discussed in the preceding subparagraph, for the NP₂ is mostly⁽¹¹⁵⁷⁾ indeterminate. Thus, for instance, in *זלך לא זה* 'that gate, it is not yours' B2.1:12, the meaning is not "it is not-yours that that gate is." In fact, the pattern discussed above, NP—disj.pron.—NP, can also be reinterpreted in terms of extraposition: P—s—S. A few more examples of the pattern S—P—s are: *זלך זה* 'this wall, it is yours' B2.1:4; *זלך זה* 'and its courtyard, it is (barren) land' B3.4:4; *זה* 'that which he produces, it is false' B3.11:16. See also B2.10:8;

¹¹⁵³ Cf. Grelot (1973:449) "c'est moi 'Ahīqar, qui jadis te sauvas ..."; Ginsberg (1955:428) "the same Ahīqar."

¹¹⁵⁴ According to Milik 1967:549, *לא* is asseverative, 'indeed.'

¹¹⁵⁵ On the use of enclitic *ה* with an interrogative, see Muraoka 1985:134-37.

¹¹⁵⁶ Jespersen 1969:91-3.

¹¹⁵⁷ The only exception is *זה ופלג דרנא וחזת מנה בית פרסא זה* 'and half of the stairway and beneath it it is the *peras*-(sized) storage area (?)' B3.10:4.

B7.3:6⁽¹¹⁵⁸⁾; C1.1:91,174.

§ 78. Word-order: verbal clause

a) The question of word-order in verbal clauses is more complicated than that of nominal clauses, because a verbal clause often contains more essential constituents than two, which is the norm in nominal clauses, and also because a finite verb, even in the third person, contains within itself two of the essential constituents, namely subject and predicate. The following paragraphs will focus on select patterns around relative positions of a number of key constituents instead of discussing all possible or attested configurations.⁽¹¹⁵⁹⁾

b) The verb often occupies the initial slot: V—. This is true not only of verbs in the 3rd person with an explicit subject, but also in the 1st or 2nd person, or the 3rd person where no explicit subject is mentioned. Examples without an explicit subject are: ... נתת לי חקלי 'I gave you my field ...' B1.1:2; ובנת חשבתי ומשח 'I have bought striped cloth and scented oil' A2.4:10.

ba) With an explicit subject: [V-S]— אתה פסו בר מנכי למנפי 'Pasu son of Mannuki came to Memphis' A4.2:11; הן מית קתיה 'should Konaiah die tomorrow or another day ...' B2.1:8; אל יקל שמך קדמיהם 'Let your name not be light before them' C1.1:141 (jussive)⁽¹¹⁶⁰⁾; ויתכנסון אלהי מצרים 'and the gods of Egypt will gather' C1.2:25; [V-S-O]— כתב פלטיה בר אחיו ספרא זנה 'Pelatiah, son of Ahio, wrote this document at the instruction of Konaiah' B2.1:15, sim. B2.8:11, B2.9:16, B3.11:17; בספן ישה איש בני מראיהם [] 'a man will place the sons of their lords .. on boats' C1.2:24.

bb) When a *pronominal object* of a verb is mediated by a preposition, it tends to come immediately after the verb, even before the subject, thus [V-O₂-]⁽¹¹⁶¹⁾: e.g. הן יהב לך רעיה עמר 'if Reia (or: the shepherd) gave you wool' A2.2:16; וי יאמר לכם 'what Armantidata will tell you to load on it' A3.10:2; ... ביתא וי יהב לי משלם 'the house which Meshullam gave

¹¹⁵⁸ 'its half [= of אתה 'she-ass'], it is mine': pace Folmer (1995:538) there is no question of disagreement in gender.

¹¹⁵⁹ Cf. also Folmer 1995:521-87.

¹¹⁶⁰ A jussive verb does not always stand at the beginning: e.g. אלהיא ישאלו 'May the gods seek after your welfare at all time(s)' A4.4:1, sim. A3.7:1, A3.10:1, A4.1:1.

¹¹⁶¹ Cf. Folmer 1995:586f.

me ...' B2.7:2; ... 1 garment ...' B3.3:4; 'I gave you my field' B1.1:2; 'Dispatch to me castor-oil' A2.2:13; 'the house of Mibtahiah ... which Mahseiah her father gave her' B2.10:7; 'Jehoishma your sister brought in to me to my house: money ...' B3.8:5; 'if your master deposits with you water' C1.1:19 אנה יחבת לך בחיי ובמותי בי 1 ארק 'I gave you, in my lifetime and at my death, a house, (with) land' B2.3:3. The cohesion of this syntagm finds an expression in the two words being run together as in, e.g. ספרא זך אנה יהבחהלכי 'this document, I gave it to you' B2.3:25.⁽¹¹⁶²⁾ In a deviation like 'Do thus in order that you will gladden me!' A6.14:3 one may infer that "me" is meant to be emphasised. Note that the same verb, in similar context, shows the same word-order: כוי לאלהיא ולארשם תחדנה 'so that you gladden the gods and Arsham' A6.16:2.⁽¹¹⁶³⁾

This rule, sometimes referred to as "*Pronominalregel*"⁽¹¹⁶⁴⁾ or "*pronoun enclisis*," applies also when the predicate is a participle: contrast באגר לה בית קנחנתי דבק לה אגר באגר 'above it the house of the shrine of the god adjoins it wall to wall' B3.11:5 (with a pronoun) with אוצר מלכא דבק אגר באגר להנפנא זי בנו מצריא 'the royal treasury adjoins wall to wall the protecting wall which the Egyptians built' ib.4 (with a noun).⁽¹¹⁶⁵⁾ However, where the subject is a personal pronoun, the degree of enclisis or cohesion is greater between a participle and its pronominal subject than between a ptc. and a preposition with a conjunctive pronoun as demonstrated in לה מנס אנה לה 'I am not making him leave' A2.2:3; 'which I am telling them' A6.8:2; עבר אנה 'I am doing for him' A2.3:4, A2.4:4; 'I am not neglecting him' A2.4:4.

In view of the pronoun enclisis discussed above, clauses which end with [verb + suffixed prep.] are best considered as

¹¹⁶² See above, § 10 b.

¹¹⁶³ As noted by Whitehead 1974:98f. The restoration תחדנן (Porten - Yardeni 1986:128) is unlikely, since we do not find a jussive in a real subordinate clause: cp., for instance, והנדרוא עברו לפקידאן זילי עד מנרתן בגיא אלך יהזחה עלי 'issue instruction to [m]y official that he [br]ing to me ... the rent (?) of [those domains]' A6.14:3.

¹¹⁶⁴ Reckendorf 1895-8:119f., 261f., Nyberg 1938:326ff., and Muraoka 1985:44f.

¹¹⁶⁵ For an alternative interpretation of the former, see above at § 77 bq.

ending with a verb: *אלהיא שלם ישמו לך* 'May the gods grant you peace!' A6.16:5 (= SOV); *מספח פקידא זילי שלח עלי* 'Masapata my official sent (word) to me' A6.15:1 (= SV).

bc) An imperative occupies the initial slot, excepting presentatives such as *כעת* and disjunctive personal pronouns: e.g. *והבו פתף לגברין* 'Dispatch to me skins' A2.4:7; *והבו חלקין* 'and give rations to Cilician persons' A6.9:4; *הכצר כל כציר* 'Harvest every harvest and perform every work' C1.1:127, as against *אנתם זולו מן בחין נכסן* 'you, lavish from our houses goods' A4.3:8; *כען הושרי לי זעיר מלח* 'now dispatch to me a little salt' D7.2:1. Likewise A2.2:13; A2.4:9; A4.7:23; A6.9:2; D1.14:2; D7.1:11; D7.5:6, 8; D7.6:7, 10 and many others. Exceptions are⁽¹¹⁶⁶⁾: *אף ארקא זך בני* 'Build up this land' B2.4:5; *אף איה חלקי באגר אלפא [...]* 'Also my share of the boat's rent hand to him!' A3.10:3; *הן לא כספא הבו ליד ארן[מנדי] דת* 'if not, give the money to A.' ib.6; *שלם יקיה הוי שלחת לה* 'Do send her greetings from Yekia' A2.3:11⁽¹¹⁶⁷⁾; *דין עבדי עמה* 'Conduct the case with him' B2.3:27; *... זך חוי* '... that see (= take note of)!' C2.1:68; *זך פחפא הב לה* 'Guard the domestic staff ...' A6.10:5; *מין קחי* 'From before Osiris take water' D20.5:3.⁽¹¹⁶⁸⁾

¹¹⁶⁶ Driver 1957:79 seems to have been unaware of them.

¹¹⁶⁷ An example which has apparently escaped Folmer 1995:551.

¹¹⁶⁸ Folmer's (1995:551) formulation is inaccurate when she states that, in the Arsames documents, the single most significant corpus as regards the question in hand, the direct object precedes in most cases (9 vs. 5). In one case (A6.10:2) the verb concerned (*בעה*) is a perfect. In three other cases (A6.9:5, A6.10:5, A6.15:6) the noun phrase serving as the object has been mentioned earlier, so that one may speak of anaphoric attraction. Two other cases (A6.13:4, A6.14:3) involve a fixed idiom with the object being an Iranian loanword (*הנדרו* 'to issue an instruction') where one should also note an instance of the same idiom in a non-volitive form (*כזי הנדרו יעבדון*) 'so that they would issue an instruction' A6.13:3). Folmer seems inclined to leave two cases of a combination *שם שם* of the same meaning out of account presumably because of its idiomatic nature. We are left then with a mere three unmotivated examples of the pattern <O - Impv.>, to which one may add *הווי שלחן עלי* 'the share ... do send me' A6.1:2. There are other cases where the word-order in question is not a purely morphosyntactic issue, but rather functionally motivated: see A3.10:3,6 (cited above); *ספרא זך הנפקי* 'Produce that document' B2.3:27; B2.4:5 (quoted above). One of the categories which Folmer herself (1995:545, 559-65) has identified as favouring the fronting of the object is precisely one in which the direct object is a noun phrase expanded by an attributive demonstrative pronoun.

bd) We may assign to the classical Semitic pattern cases in which the verb occupies the initial slot, without, however, being followed by an explicit subject: e.g. *יִשָּׂא בוֹת מִן כְּנָחָה* 'he will bear shame from his colleague' C1.1:185; *וְזִי יִשְׁתֶּה חֲמֹרָא* 'and one who will drink wine' ib.188; *גִּבֹּר זֶה תִּזְבְּנוּן לֵה בֵיתָא זֶךְ* 'a person to whom you will sell this house' B2.10:11; *זִי יִנְפֹק עֲלֵיכִי סַפְּרָא* 'whoever shall take out against you a docu[ment]' B2.7:12; *יָתֵב פֶּרֶס* 'residing in Persia' C2.1:36⁽¹¹⁶⁹⁾.

be) The pattern VOS is essentially the same for our purpose: e.g. *כֹּזִי יִהְיֶעֱלֵן הָמוּ יְהוּדִיָּא* 'when the Jews let them in' A3.8:12, which is virtually a case of the "Pronominalregel" at work. Similarly *הֵן יִפְקֹד לְךָ מֵרֹאשׁ מִין לְמַטָּר* 'if your master deposits with you water to watch' C1.1:191.

c) In our corpus we find a considerable number of cases where the verb, either pc. or sc. form, follows an explicit subject or object or both.⁽¹¹⁷⁰⁾ This verb-final position, which contradicts the classical Semitic word-order VSO, has generally been attributed to a foreign influence, viz. Akkadian on one hand, which in turn is said to be ultimately influenced by Sumerian, a non-Semitic language⁽¹¹⁷¹⁾, and Persian on the other, also non-Semitic.⁽¹¹⁷²⁾ However, in view of a substantial number of cases in which the verb occupies a non-initial position, it is more accurate to speak of free word-order in our idiom.⁽¹¹⁷³⁾ Some explanation is then to be sought for this situation which does not agree with the classical Semitic pattern nor with the Akkadian pattern.

ca) *S-V* or *S-V-*

E.g. *דִּגְלֵן זִי מִצְרִיָּא מִרְדּוּ* 'detachments of the Egyptians rebelled'

¹¹⁶⁹ Akk. 71: *ina KUR par-su a-ši-ib*.

¹¹⁷⁰ We are not concerned here with an adverb or presentative occupying the initial slot and then immediately followed by a verb nor with a disjunctive personal pronoun placed immediately before a finite verb, which is the rule (see § 39 e) nor with cases of extraposition (see § 79) or of emphatic fronting.

¹¹⁷¹ See Ginsberg 1936:98.

¹¹⁷² Kaufman 1974:133.

¹¹⁷³ Apart from our attempts on the following pages to classify those deviations, it is only rarely that we can speak of a functional opposition as in an OV example in *לֹא כִחַשְׁתָּ וְיִלְךְ לֹא כִחַשְׁתָּ* 'the wife of yours I did not strike' B7.2:9 rebutting the accusation *וְכִחַשְׁתָּ לְאִנְחָתִי* 'and you struck my wife' ib.5 (so also Folmer 1995:279f.): see also § 40 h for another perspective with respect to this example. There remain many cases where one can invoke the notion of prominence or emphasis only as a subjective or ad hoc interpretation.

A4.5:1; לא אשתכח לן 'no damage has been found against us' ib.2; אחר נפין דבר מצריא עם חילא אחרנן; 'then Naphaina took the Egyptians with the troops (as) others' A4.7:8; מן יומי מלך; 'since the days of the king of Egypt our fathers built this temple in Elephantine the fortress' A4.7:13; [Psa]mshek ... my servant ... עלימא זילי קבל בונה; 'complained here' A6.3:1; אדין פרימא זך וכנוחה לא שנציו למנעל; 'then that Pariyama and his colleagues did not succeed in getting into the fortress' A6.7:6; פסמשך פקידא זילי שלח עלי; 'Psamshek my official sent (word) to me' A6.8:1; גסת פתגם יתעבד לך; 'a harsh word will be directed at you' A6.10:9; פטוסרי ... שליח עלי; 'Petosiri ... sent (word) to me' A6.11:1; זך אבד; 'this one perished' ib.2; אגרת מן מראי תשתלח על נחחחור; 'Let a letter be sent from my lord to Nakthor' A6.13:2; see also A4.7:16bis, 17, 22.

This pattern is common in subordinate clauses: introduced by the relative pronoun *זי*—14 'which' וידרגנ לחיא זך נדש בשנת 14 'which that wicked Vidranga destroyed in the year 14' A4.9:6; ספר מרחק; 'a document of withdrawal, which Dargamana ... wrote for me' B2.3:23; *זי* פסמשך יאמר לך; 'about which Psamshek will tell you' A6.8:2; עלימא זילי זי בגסרו היתי שושן; 'my servant, whom Bagasrava brought to Susa' A6.12:1; דושכרתא זי כמריא ...; 'the crime which the priests ... [commit]ted' A4.5:3; מזה צבו; 'whatever desire and thing Djeho shall seek of you' A4.3:6; introduced by the temporal *כזי*—כזי 'when' מראן ארשם—'when our lord Arsham went to the king' A4.5:2; כזי; 'when Arsham left ...' A4.7:4; 'when Cambuses entered Egypt' ib.13; כזי מצרין מרדת; 'when Egypt rebelled' A6.7:6; כזי מצריא מרדו; 'when the Egyptians rebelled' A6.10:1, see also ib.2, 7; כזי ארתחשש מלכא יתב בכרסא; 'when King Artaxerxes sat on his throne' B2.2:1; כזי אגרתא זא [ת]מטא; 'when this letter reaches you' A3.8:6; כזי וידרגנ רב חילא מטא; 'when Vidranga the troop commander arrived at Abydos' A4.3:3.

Glancing at the examples cited in the preceding paragraph, one cannot fail to notice a remarkably high frequency of this pattern in Arsames letters, i.e. A6.3-16, but it is hardly confined to them. Furthermore, the same pattern is also attested in the Proverbs of Ahiqar, the language of which is often cited as representing a Western dialect¹¹⁷⁴: ... אריה אזל קרב 'a lion went,

¹¹⁷⁴ Greenfield 1968:368. Kutscher's position (1970:365) is nuanced—"somewhere in between"—but his opinion on the position of the object is wrong.

approached ...' C1.1:94; נפשי לא חדע ארחא 'my soul will not know the way' ib.122; כפן יהחלה מררוחא 'hunger will sweeten bitterness' ib.123; למה אלהיא יסגה בעדרה 'lest the god come to his aid' ib.126; חרב בר בשני הגשש ביתי 'my own son spied out my house' ib.139; חרב חדלח מין שפין בין רעין טבן 'a sword stirs up calm waters between good companions' ib.161; הן לחיה תנפק ... אלהן ילחון להם 'if bad goes out ... gods will make bad for them' ib.172 // הן נפקה מבה מן ... אריא יהוה 'if good goes out from the mouth of ...' ib.171; חמרא רכב 'a lion will lie in wait for a stag' ib.183; חמרא רכב 'one drew his bow' ib.186; חמרא רכב 'the ass mounted the jenny' ib.186; חמרא רכב 'your bones shall not descend to Sheol' C1.2:6; [אהור]מזד סעדני '[Ahura]mazda helped me' C2.1:10 (= Akk.), 12; [ק]טלו 'my troops killed the rebels' C2.1:16 (= Akk.); [ק]טלו למרד[א] '... my troops killed the rebels' ib.33 (≠ Akk. SOV).

cb) In contrast to the syntagm [*disj.pron.* + *ptc.*]⁽¹¹⁷⁵⁾ a *disj.pron.* as subject of a finite verb is not very cohesively joined to the latter so that a word or words can intervene between the two: e.g. אנחנה עם נשין 'we did not abandon our post(s)' A4.5:1 where the pronoun emphasises contrast (§ 39 *e*, i); אנחנה עם נשין 'we, together with our wives and our sons, were wearing sackcloth' A4.7:15 where the pronoun is a mark of self-assertiveness (§ 39 *e*, ii).

cc) O-V⁽¹¹⁷⁶⁾

Not a small number of examples of this pattern can be found in the Hermopolis papyri, the idiom of which is sometimes said to be a representative of a western branch of IA⁽¹¹⁷⁷⁾, so that one expects the word-order of its verbal clauses to be of the classical Semitic type, i.e. VSO. But we find⁽¹¹⁷⁸⁾, counting cases of direct object only, as many as 7 exceptions out of a total of 46 instances in which a direct object occurs.⁽¹¹⁷⁹⁾ These seven cases

¹¹⁷⁵ See above § 77 *bp*.

¹¹⁷⁶ For an attempt to establish grammatical or semantic categories which could trigger the inversion, see Folmer 1995:543-84, esp. 545.

¹¹⁷⁷ E.g. Greenfield 1968:368; Kutscher 1970:368

¹¹⁷⁸ Our findings significantly differ from the impression given by Kutscher (1970:369) based on his partial and approximative count.

¹¹⁷⁹ The conclusion reached by Folmer (1995:578) in this regard appears to be in need of some nuancing: "... almost no evidence for OV word order in private letters on papyrus. The only possible instance is found in one of the Hermopolis letters 'ומהי דה זי ספר לה הושרתן לי' 'what is this that you haven't sent us a (single) letter?' A2.5:7]." On this example of categorical negation,

are those for which one cannot establish a functional opposition to the VO sequence: 'And now, let them bring us castor-oil' A2.1:7; 'מסת כספה ... לבנחסר' (1180) 'an amount of money ... I gave ... to Banitsar' A2.2:4; 'כל גשר זי ישכח זיבן' 'every beam he finds let him buy' ib.15; 'שלם יקיה הוי שלחת לה' 'Do send her greetings from Yekia' A2.3:11; 'שלם וחין שלחת לך' 'I have sent you welfare and life' A2.4:5; 'וכעת תקם יחו לי חפנן 5' 'and now, let them bring me castor oil, 5 handfuls' ib.11; 'ש[לם ו]חין שלחת לכי' 'I have sent you [welfare and] life' A2.7:1. Most of the above examples are either in opening well-wishing formulae or jussives, but note 'וכעת יהתו לן ארון' 'and now let them bring us a chest' A2.4:4.

Some more examples elsewhere are: 'לא עבר לך' 'and he did not do evil to you' C1.1:50; 'ועטחי יבעה' 'and he will seek my counsel' ib.53; 'אף [הן חזף זפתא שלין לנפשך אל חשים' 'even if you took out the loan, don't give rest to your soul' ib. 130; 'ודמה' 'and he will shed his blood and eat his flesh' ib.184; 'שעון גמלא ישעננהי' 'the load of the camel one will load (on) him' ib.186; '[and they did the batt]le' C2.1:42 (≠ Akk. line 75 VO); 'שלם ושררת שגיא הושרת לך' 'I am sending you abundant (greetings for) welfare and strength' A3.8:1, A6.3:1 et passim; 'וכסיא זי לקחו אחבו ...' 'and the goods which they took they returned ...' A4.4:8; 'כסף ונכסן יהבו לה' 'they gave him silver and goods' A4.5:4; 'בברא [ז]ך מיא שחין' 'they drink water at th[at] well' A4.5:8; 'חין אריכן ינתן לך' 'May he grant you longevity!' A4.7:3; 'אגורי אלהי מצרין כל מגרו' 'they demolished all the temples of Egyptian gods' ib.14 with many more examples in this document (lines 1,6,7,9bis,10,12,14,18,19,20bis,21,25,29); 'נכסי לקחו' 'they took my goods' A6.3:5; 'ספר מרחק כתב' 'he wrote a withdrawal document' B2.3:25; 'ספר כתבתלה אחרוהי' 'I wrote for her a document about it' B2.4:4; 'כל זי הגעלת בידה חהנפק ...' 'all that she brought in ... she shall take out' B2.6:27; 'למן זי רחמתי תנתנה' 'to whomever you love you may give it' B2.7:8; 'לא אמרת תמה ... מן קדם אוסרי מין קחי' 'Anything evil she did not do and the slander of any man she did not say there ... From before Osiris take water' D20.5:2, but followed by 'הוי פלחה נמעתי' 'Do serve the Lord of the Two Truths.'

cd) *Categorical negation* appears to trigger the fronting of the direct object: 'ספר לה שלחתי בשמה' 'you have not sent a single

see § 83 d, f.

¹¹⁸⁰ נתנה for נתחן.

letter about him' A2.3:5⁽¹¹⁸¹⁾); כעת מדעם אל חובני בכסח 'now, don't buy anything as clothing' ib.10; מדעם לה מפקן לן מן סון 'they are bringing us nothing from Syene' A2.5:2; ספר לה הושרחן לי 'you have not dispatched to me a letter' ib.7; איש מנדעם באגורא זך לא 'nobody caused any damage to that temple' A4.7:14; מנדעם מלה באישה 'she did not do anything evil' D20.5:2; לא יהשכחון לכם 'they shall not find (even) one bad thing about you' A4.3:6. Folmer (1995:566-68) has assembled an impressive number of examples (some 15) in which מ(נ)דעם or a noun (including מנדעם) qualified by באיש constitutes a direct object and precedes the verb, and holds that the fronting of the object in these cases is semantically conditioned. It is significant that, with the exception of one⁽¹¹⁸²⁾, they are all negative utterances. We believe, therefore, that it is not the semantic contents of these nouns, but their use in categorical negation that triggers their fronting as direct objects. The same applies to a negative clause in which איש is not directly the object: כרצי איש לא אמרח 'she did not utter calumny against anybody' D20.5:2.

ce) A significant type of object fronting identified by Folmer (1995:569-72) are cases of the generalising relative clause introduced by זי (x) כל, מזה זי or מן זי: e.g., כל גשר זי ישכח יובן 'every beam that he finds he should buy' A2.2:15; ומה זי לקחה 'and what you took (in the way of) good(s) from the domestic staff, restore, give to them' A6.15:9. Also A2.4:7, A6.15:8, A4.3:8, and possibly A3.10:3. This type

¹¹⁸¹ "A letter you have sent to him about him" is unlikely.

¹¹⁸² 'and whoever causes damage to this relief Keseçek Köyü line 3 (from Asia Minor: KAI 258:3). Seen in this light, three exceptions of hers, all in positive clauses, would turn out to be only apparent exceptions: בעו באיש לאגורא זך 'they sought evil against this temple' A4.7:17 (sim. in a revised version, A4.8:16); תרבצה ביתה קנינה טין ומין ומנדעמחה יבדרונה 'may they scatter his court, his house, his property, ground and water and all his possessions' Sardis line 7 (KAI 260B.7).

As a matter of fact, the fronting of מנדעם occurs also when it functions other than as direct object: e.g., 'my household did not suffer anything of a loss' A6.10:2, sim. ib.6, but ... מנדעם כסנחו יהודי ib.8, echoing the preceding phrase.

For some reason or other, the equally indefinite pronoun איש/אש does not seem to be subject to this rule: שמהתהם לא ידע איש 'nobody knows their names' C1.1:164. See § 44e, f.

An attempt by Folmer (1995:568f.) to account for the occasional fronting of מן in similar fashion as a synonym of באיש has little to commend it in view of its poor attestation, a mere three examples.

of clause is akin to the conditional clause (§ 84 *p*): if there is anyone, anything that meets such and such a condition, then ..., and the protasis regularly comes before the apodosis.⁽¹¹⁸³⁾ This interpretation of ours is corroborated by another example mentioned by Folmer (1995:570): 'and now, whatever you desire, send (word) to me' A2.4:7 where the introductory clause is not strictly the object of שלח.⁽¹¹⁸⁴⁾

Here, too, we find the fronted clause functioning also other than as direct object: 'what you do for him will not be hidden from Anani' A4.3:10; 'whoever shall bring against you suit or process ... shall give you a penalty ...' B3.10:19; 'to whomever you love you may give (it)' B2.3:9, sim. B3.12:23, but 'Give (it) to whomever you love' B2.11:7. See also B2.1:10, B3.12:29.

cf) Another striking type of object fronting has been identified by Folmer (1995:572-74). It is said to be confined to dependent clauses in Elephantine legal documents wherein the coordinated second verbal clause with suffix conjugation verbs displays object fronting: e.g., 'when he brought suit about it and an oath was imposed for him and I swore for him that it was mine and he wrote a withdrawal document' B2.3:24; 'my house which I bought with money and the price of which I paid' B3.10:3. More examples may be found at B2.4:4; B2.7:3,8; B3.9:4. Folmer is aware that the clause type—dependent clause—and the tense—suffix conjugation—are not the necessary conditions for this type of object fronting, for neither condition is met in 'when it will be time, we shall divide them for ourselves and we shall take hereditary possession, (each) person (of) his portion, and we shall write a document of our division between ourselves' B2.11:13. Significant features shared by all these examples are: (1) the genre (legal), (2) the identical subject of the conjoined verbs⁽¹¹⁸⁵⁾, and (3) the identical phraseology of the inverted clause

¹¹⁸³ See examples in § 84.

¹¹⁸⁴ Cf. Hug's (1993:38) non-literal rendition: "Wenn du etwas möchtest, sende mir (Nachricht)."

¹¹⁸⁵ This feature is missing in two exceptions mentioned by Folmer (1995:574): 'this house which we sold and gave you and the prince of which you gave us (in) silver' B3.12:25 and '... that/which he sold to us and the price of

(either *יהב* or *ספר כתב*).

cg) According to Cook (1986:125), who studied the word-order in the Aramaic of Daniel, the VO sequence is typical of the suffix conjugation, marking or signalling temporal sequence or consecution. This seems to hold for the Ahikar narrative composed in a comparable style with very few exceptions in the OV sequence with the sc.⁽¹¹⁸⁶⁾ On the other hand, the number of the pc. forms preceded by a direct object is noteworthy: *עבדתך* 'he will do your work' C1.1:21; *הו טבתא יבעה* 'he will seek the good' ib.24; *עמתי יבעה* 'he will seek my counsel' ib.53; *גברן* 'the king will send other men' ib.62; *נכסן אנה אנתן* 'I shall give you goods' ib.66, but *למה הו יחבל מתא עלין* 'why should he damage the land against us?' ib.36.

ch) Because of the oft suggested Akkadian influence on IA in favour of the positioning of the object (or subject or both) before the verb we have compared the Aramaic version of the Bisitun inscription (C2.1) with its Akkadian counterpart.⁽¹¹⁸⁷⁾ The results are shown on the following page.

We have made a case study of the first three tripartite VC patterns appearing above, in which the object follows in the Aramaic version, and which happen to represent clauses with virtually identical message—X killed Y. A comparison between the two versions allow us to make the following observations.

The Akkadian version displays two alternative sequences, SOV (4x) and SVO (2x). The Aramaic version also has two sequences, but different in configuration: SVO (5x) and VSO (1x). In three out of the six cases the Aramaic disagrees with the Akkadian (SVO vs. SOV), where the Aramaic sequence represents the less frequent of the Akkadian patterns, SVO. In the two cases where the Akkadian version shows this minority sequence, typically Akkadian sequence, SOV, correspond with the classic Semitic pattern, VSO, in the Aramaic version. This picture, coupled with the fact that, in the majority of VCs consisting of V and O alone, the two versions agree in showing the verb-last sequence, OV, and also the fact that in three cases the Aramaic version agrees with it. In only one instance does the version agrees with the typically Akkadian tripartite SOV pattern seems

which we paid (in) silver' ib.32. The text as restored by Porten - Yardeni 1989:170 at *יה/כתובת לה וספר אסרן כתבן* B8.10:1 would be a third exception.

¹¹⁸⁶ E.g., *לך עבר לא ובאישתאן* 'he did not do the evil to you' C1.1:50.

¹¹⁸⁷ The Aramaic text is often poorly preserved, but the frequent use of the fixed formulas and standing expressions and the extremely close relationship

to indicate that the syntax of the Aramaic of our inscription was very much akin to that of the Akkadian.^(1195a)

All objects preceding the verb in the Bisitun inscription are personal, whereas most of such objects in Elephantine legal documents and the Hermopolis letters are inanimate, and the

Arm lines	Akk lines	frequency
SVO 13,33,57	≠ SOV 51,70,81	3x ⁽¹¹⁸⁸⁾
SVO 43,46	= SVO 75,76	2x ⁽¹¹⁸⁹⁾
VSO 55	≠ SOV 81	1x ⁽¹¹⁹⁰⁾
<hr/>		
SOV 16,38,51	= SOV 52,72,78	3x ⁽¹¹⁹¹⁾
OV 19,26,30,48,	= OV 53,58,69 ⁽¹¹⁹²⁾ ,77,	
53,61bis	79,83bis	7x ⁽¹¹⁹³⁾
OV 52	≠ VO 79	1x ⁽¹¹⁹⁴⁾
OV 39	= OSV 73	1x ⁽¹¹⁹⁵⁾

between the two versions renders it safe to draw upon the Akkadian version for the reconstruction of the Aramaic version.

¹¹⁸⁸ E.g. עֲשָׂו לְמַרְדִּיָּא 'my troop killed the rebels' 13 = *ú-qu at-tu-u-a ana ni-[ki-ru-tú id-du-ku]* 51.

¹¹⁸⁹ E.g. נַחֲלָא וְזִלְיָ קַטְלוּ וְלַחֲלִילָהּ זִי וְיִזְדַּת 'my troop killed the troop of Vahyazdata' (43) = *ú-qu at-tu-u-a id-du-ku ú-qu ša^mú-mi-iz-da-a-tu₄* (75).

¹¹⁹⁰ *at-tu-u-a a-na ú-qu ni-ik-ru-tu id-du-ku*.

¹¹⁹¹ E.g., בְּשִׁלְהָ זִי אֲהוּנְרַמְזוּר חִילָא וְזִלְיָ לְמַרְדִּיָּא (קַטְלוּ) 'with the protection of Ahu[ramazda] my troop [k]illed the rebel[s]' 16 = *ina GIŠ.MI šá^dú-ra-mi-iz-da ú-qu at-tu-u-a ana ni-ik-ru-tu id-du-ku*.

¹¹⁹² מַרְגִּיָּא מֶלֶךְ עֲלֵיהֶם עֲבָדוּ 'a Margian they made king over them' = *LÚ mar-gu-ma-a-a šu-u a-na ra-bu-ú [ina] UGU-šú-nu it-tur* 'a Margian, he became a leader over them.'

¹¹⁹³ E.g., וְיִזְדַּת אֲחָדוּ וְחִרְא זִי עַמְנָה 'Vayazdata and the nobles who (were) with him they seized' (48) = *ú-[mi]-iz-da-a-tu₄ ú LÚ.DUMU.DU.MEŠ šá it-ti-šú uš-šab-bi-tu šab-tu* 'Vayazdata and the nobles who were with him they took captive.'

¹¹⁹⁴ E.g., ... אִישׁ חָד בְּרִאשְׁהוֹן שִׁלַּח 'a certain man [he sent] at their head' = *[il]-ta-par a-na I-en LÚ šá ra-bu-ú [ina UGU]-šú-nu* 'he sent a certain man as their leader.'

¹¹⁹⁵ אֲרִתַּוְרִיָּא שְׁמָהּ פֶּרְסִי נְעִלְמָא וְזִלְיָ בְּרִאשְׁהוֹן שִׁלַּח 'Artavarziya by name, a Persian, [my servant at their head], I sent' = *I-en LÚ^mar-[ta-mar]-zi-ia [šu-um]-šú LÚ qal-la-a LÚ par-sa-a-a ra-[bu]-ú [ina] UGU-[šú-nu a-na] KUR par-su āš-pur* 'a certain man, Artamarzia by name, my subject, a Persian, to Persia as their leader I sent.'

rest of our corpus presents a mixed picture in this regard.⁽¹¹⁹⁶⁾ Examples are: Bisitun—*למרנדןא נקטלו* 'they killed the rebels' C2.1:16; Elephantine—*ספרא כחבת לכי עלא* 'I wrote the document for you concerning this' B2.7:9; Hermopolis—*שלם וחין שלחת לך* 'I have sent you (blessings of) welfare and life' A2.4:5. However, that such a distribution pattern is a linguistically meaningful one is not certain.

ci) In addition to examples of the pattern O-V there are even a few cases of the pattern OSV: *שלם אחי אלהיא כל[ל]א ישאלו* 'may all the gods seek the welfare of my brothers at all times' A3.10:1, sim. A4.7:1⁽¹¹⁹⁷⁾; *בזנה זי עבד לן כלא ארשם לא ידע* 'Arsham did not know about all this which was done to us at all' A4.7:30; *ועבור ארקחא כלא נחתחור לקח* 'Nakhthor has taken the wine ... and the grain of the lands entirely' A6.15:5⁽¹¹⁹⁸⁾; *נברן עבדתך הו יעבד* 'your work he shall perform' C1.1:21⁽¹¹⁹⁹⁾; *נברן אחרנן מלכא ישלח [א]חרין* 'the king will send other men after us' ib.62; *נכסן אנה אנתן לכם* 'I shall give you goods' ib.66.

cj) SOV or S ... V

This is a fairly frequent pattern, a pattern typical of Akkadian.⁽¹²⁰⁰⁾ Examples are: *אנחנה מנשרתן לא שבקן* 'we did not

^{1197a} If Borger (1982:130) be right in his assumption—an assumption which he has not demonstrated, but is rather plausible—that the Aramaic version or the Aramaic version together with the Elamite were first drawn up, and the Babylonian as well as the Old Persian version were based on it or them, then one can speak only of general influence of Akkadian on Aramaic.

¹¹⁹⁶ Some examples of the preceding animate or personal object are: *לאלהיא נרדא ולארשם חחון[ה]* 'you ought to glad[den] the gods and Arsham' A6.16:2; *נברן מראיהם חסין נשרן* 'they are closely guarding the domestic staff and the goods of their masters' A6.10:4; ... *נברן אחרנן מלכא ישלח [א]חרין* 'the king will send other men after us ...' C1.1:62.

¹¹⁹⁷ This pattern is not directly to be related to a similar Babylonian well-wishing formula, for our corpus attests to alternative patterns: SVO—*אלהיא ישאלו שלמך בכל עין* 'may the gods seek after your welfare at all times' A4.4:1, sim. A3.7:1; SOV—*אלהיא שלם ישמו לך* 'may the gods grant you peace' A6.16:5. See Folmer 1995:524, n. 957; 534; 550. The Akkadian greeting formula is mostly of the SOV pattern: see some examples in Salonen 1967:86.

¹¹⁹⁸ Folmer (1995:534) stands in need of correction when she says: "neither the Arsham correspondence nor the Behistun inscription have instances of OSV." Further, a student of ours, Oprea (1997:34), draws our attention to *זנה אנה עבדת* 'this I did' C2.1:3 (Bisitun), though the subject is a personal pronoun.

¹¹⁹⁹ There is a contrast between "you" and "him."

¹²⁰⁰ Among the groups of documents studied by Folmer (1995:533) this pattern is particularly favoured in the Arsames correspondence (A6.1-16), a

abandon our post' A4.5:1, also with disj.pron. as S at A4.7:15, 20bis; [ד] 'and should our master make a statement' A4.10:12; אנה רכבך לא אחזה 'I shall not see your riding' C1.1:204; סמשך פקידא קדמא גרדא ונכסא זילנא ... חסין נטר 'Samshek, the former official, strictly guarded our domestic staff and goods' A6.10:1. See also A4.5:8; A4.7:6,14, 15; A6.5:11; A6.8:2,3; A6.16:5.

ck) Clauses with more than two constituents and ending with a verb are not uncommon: e.g. ולעבך אופשרה יתעבד 'and immediately let needs (?) be done!' A6.2:6; כען עבדך ידניה וכנוחה 'Now, your servant Jedaniah and his colleagues say as follows' A4.7:4; אנתם [אנתנצחו גרדא ונכסיןא זילי] חסין טרו 'You, be diligent in strictly guarding my domestic staff and goods!' A6.10:5; [קרית] רשען ביום רוח תחולל 'a town of] wicked (men) will split asunder on a day of wind' C1.1:104.

cl) O-Infinitive

The object of an infinitive also precedes the latter at times⁽¹²⁰¹⁾. E.g. ... לא שליט אנת לזבנה ולמנחן 'you have no right to sell or give away that house ...' B2.4:6; דינן למרשה עליך 'to bring suits against you' B2.11:8; פגרה זי אחיקר זנה למחזה 'to see the corpse of this Ahigar' C1.1:63; אופשרה למעבד 'to do its needs(?)' A6.2:9. In the first instance quoted the fronted object is meant to be contrasted with ארקא זך 'that plot of land' B2.4:5.⁽¹²⁰²⁾ There are cases of the reverse sequence also: מין לא חסרה להשקיא חילא 'it does not lack water to give to the troop' A4.5:7; מלחא אף 'I sent to him (asking) to explain the matter to me and I also sent to him (asking) to show the order to Hosea' D7.24:15; שליט למפתח תרעא זך 'have right to open that gate' B2.1:14.

cm) Double objects

Some verbs take two objects, one direct and the other indirect. Only once do both objects precede the verb: שליט לנפשך אל חשים 'Do not give rest to your soul' C1.1:130. The general rule is that an indirect object immediately follows the verb: e.g. נכסין[א אלה 'these goods I lovingly gave to Jehoishma'

petition addressed to the Persian authorities (A4.7, A4.8), two letters belonging to the Jedaniah archive (A4.2, A4.5), the Bisitun inscription and the Samaria ostraca.

¹²⁰¹ Kaufman (1982:154) would attribute this to a Persian rather than Akkadian influence. See also Folmer 1995:536-42. Cf. also Carmignac 1966:507f.

¹²⁰² Pace Folmer (1995:537) the contrast is not between living in the house and disposing of it.

B3.8:41.⁽¹²⁰³⁾ Both objects may follow the verb as in גבר זי וחבנון 'a person to whom you will sell that house' B2.10:11; אנה בנה ... יהבת לפטסורי 'I gave you during my life time and upon my death a house (with) land' B2.3:3; אבך לא יהב לי 'your father did not give me a he-ass' B7.3:7; הן יפקד לך 'if your master deposits with you water' C1.1:191; זי נפק 'one who takes out a document against you' B2.7:12; so also B2.7:10; B2.9:14; B3.4:20.

But quite often the verb stands between the two objects, the indirect one following as stated above: e.g. אנה בנה ... יהבת לפטסורי 'I gave the estate ... to Petosiri' A6.11:5. This is particularly true when the indirect object is a personal pronoun⁽¹²⁰⁴⁾: ספר כתב לי 'he wrote for me a document thereabout' B2.7:3, sim. ib.9, B3.9:4; זי מ[נדר]ת[א] מנדעם לא מהיחה לי 'who is not bringing me the (agreed) re[nt] .. at all' A6.14:2; יהבת לכם ... שלם וחין שלחה 'these goods and the silver ... I gave you' B6.4:7; חין אריכן יתן לך 'I send you (best wishes) for welfare and life' A2.4:5, sim. A2.7:1, A2.3:11, A3.8:1; לך 'May he grant you longevity' A4.7:3; ובאישה[א] לא עבד לך 'and the evil he did not do to you' C1.1:50.

cn) Examples of *double pronominal objects* are: לא אנוח 'we did not give it to you' B5.1:5; יהבחה לך 'I gave it to you' B2.7:16; אנתנהי לך 'you gave it to me' B5.5:7; יתנהי לכם 'he will give it to you' B1.1:11; יתנהי לכן 'Let them bring it to you' A2.6:10. The conjunctive pronoun is always a direct object.

The unusual dislocation of a direct object at the far end of a long verbal clause with an intervening adverbial adjunct is due to its length: ... שלחת לך ביד אחוזה זי תם אנתח מלכיה בר עוגר ענו חד 'I sent to you by the hand of the brother of Tam wife of Malchiah son of Azgad one goat ..' D7.57:4.

co) Adverbials

We shall discuss here not only adverbial adjuncts found in VC's, but also similar words and phrases forming part of NC's.

¹²⁰³ The only exceptions are בוי מצריא שחר להן יהבן 'because the Egyptians give them a bribe' A4.2:4; ובנת משח זיה ליקה 'I have bought olive oil for Yake' A2.2:11; נפלג המו עלין 'Let us divide them for ourselves' B2.11:13 (// פלגן עלין). See, however, עבדיה זי מבטחיה 'we divided Mibtahiah's slaves for ourselves' ib.3). See, however, § 74 *e* on cases where one or both of the objects is or are pronominal.

¹²⁰⁴ See above (§ *bb*) on pronoun enclisis.

cp) Clause-initial adverbials

Certain adverbials mostly occupy the first slot of a clause.⁽¹²⁰⁵⁾ As such their position can have no functional significance. The most common are כען (1206), and כענת (1207), usually rendered 'now.' Their primary function is to mark the beginning of a new thought or turning point in a discourse. In some fairly long documents, e.g. A6.10,11,13,15 these words mark the beginning of a paragraph. It is a notable feature of the officialese of IA, though not confined there by any means. Following the standard introductory formula giving the names of the addressee and writer and the greeting, the body of a missive is introduced by one of these words⁽¹²⁰⁸⁾: e.g. A6.7:1, A6.8:1, A6.10:1+. Some brief letters, particularly in the ostraca, completely do away with the introduction, and open with כען or כענת: e.g., D7.17:1, D7.24:1, D7.25:1. Some writers indulge in the use of these short words, lacing their private letters with them, almost each sentence beginning with them in the manner of "and then" in children's diaries or letters, as can be seen in some of the Hermopolis letters (A2.1, 2.2, 2.3, always וכעת) and in the Padua Letter 1 (כעת 7x in a fourteen-line letter).

The clause-initial position of these adverbials is due to their role of marking a logical connection with what precedes, a kind of anaphora.⁽¹²⁰⁹⁾ Similar interpretation applies to the following cases: ... קרבתא בוע כתונה הילל 'immediately (thereafter) he tore his garment, lamented...' C1.1:41, sim. ib.45,48,56,59; "I brought you to my house. There I was supporting you (תמה הוית מסבל) לך" C1.1:48.⁽¹²¹⁰⁾ Here also אחר 'thereafter, then,' ubiquitous in the Bisitun inscription (C2.1), but also elsewhere (e.g. B2.7:5) as well as אדן 'then' (e.g. A6.10:1, B2.4:8^[1211]),

¹²⁰⁵ Hence כען עד כען 'until now' A4.3:7, D7.19:5 and in כען פקיד עבד 'who has now been made an official' A6.4:2 has a different function.

¹²⁰⁶ This occurs with the conjunction Waw far more often than not (60:24). The conjunction is never prefixed to כענת, but thrice only to כען (3:63).

¹²⁰⁷ This last does not occur in the Arsames letters.

¹²⁰⁸ On these epistolographic matters, see Fitzmyer 1979:193 and Alexander 1978:164, where the latter speaks of 'transition marker' and 'spacer.'

¹²⁰⁹ Cf. Joüon - Muraoka 1993: § 155 p.

¹²¹⁰ This קרבתא reminds one of εὐθὺς in Mark's Gospel: Mk 1.21,23,29. See Fassberg (1991:95-96) where he shows that the Mishnaic Hebrew קיד 'immediately' is generally clause-initial in aggadic passages, but clause-final in halachic passages.

¹²¹¹ ... הן מחר או יום אחרון ארקא זך תבנה אחר ברחי תשנאנך ...

B2.8:4); לקבלה דין עבדי עמה 'Contest the case with him accordingly' B2.3:27. Its unusual, non-initial position makes אחר unstereotypical in ישלח מנך 'if Psamshek later sends a complaint about you' A6.8:3.⁽¹²¹²⁾

Legal documents often begin with the indication of a date on which an agreement was reached and the contract was drawn up, as is exemplified in many an Elephantine document: e.g. B2.1-4, 6-11, 3.1-13, 4.3-6, 5.1,5, 6.1, 7.1-2; see also B1.1.⁽¹²¹³⁾ In some legal documents, relatively late ones in particular, there appears אדן between a date and the verb אמר or the indication of a place followed by אמר. This temporal adverb is most likely resumptive after a fairly long dating phrase. E.g. ב 20 לאדר הו יום ... 'On the 20th of Adar, that is the 8th day of Choiak, year 3 of King Artaxerxes, then Anani ... said to Jehoishma ...' B3.11:1; see also B3.10:1, B3.12:1, B4.6:1; ב 3 לכסלו ... דריוהוש מלכא אדן ביב בידחא אמר 'On the 3rd of Kislev ... the king Artaxerxes, then said in Elephantine the fortress Jedaniah ...' B2.10:1; see also B2.9:1, B3.7:1, B3.9:1, B3.13:1, B5.5:1.⁽¹²¹⁴⁾

cq) Sentence adverbials

As regards some of the clause-initial adverbials dealt with above, it is sometimes not easy to decide whether they are to be construed with a particular clause constituent or they relate to the clause or sentence as a whole. The former would be the case with the highly frequent clause-initial or paragraph-initial כען and its synonyms. This is certainly true of אף, 'furthermore, moreover,' not 'also, too,' which latter relate only to a single constituent of a clause. This אף, which is also by definition anaphoric in a sense, always stands at the very beginning of a sentence: e.g. אף בונה זי עבד לן כלל ארשם לא ידע 'Moreover, of this which was done to us Arsham was totally ignorant' A4.7:30, and not '... did not know, either'; אף שגיא סנחאריב מלכא רחמני

another day you build up that plot (and) then my daughter hate you ...'

¹²¹² Whitehead 1974:51.

¹²¹³ E.g. ב 23 לפמנחתף שנת 5 אמורשים מלכא 'On the 23rd of Phamenoth, year 5 of King Amyrtaeus' B4.6:1.

¹²¹⁴ [Date - אמר - name] is typical of Haggai s. of Shemaiah (B3.10,11,12) and [Date - אדן - place - אמר - name] of Mauziah s. of Nathan (B2.9,10, 3.8). On the basis of this style, Porten - Yardeni's (1989:115,189) attribution of B4.6 to Haggai may be justified. Also the scribe of B3.6, who calls himself "Haggai" without a patronymic, may be identified with this same Haggai s. of Shemaiah.

'moreover, King Sennacherib loved me very much' C1.1:51. Hence, in a rare exception such as... *אף כען אף קדמן שלחח* the *אף* must be construed with *קדמן*: 'Now, previously also (as I am doing now) I sent ...' A6.10:5.

cr) Not every *fronted adverbial* can be explained in terms of functional opposition.⁽¹²¹⁵⁾ Fronting may be interpreted as an indication of insistence or some importance attached to what is denoted by such an adverbial: e.g. *חח לעבב ולעבב הנחח לי כחון* 'Come down immediately, and immediately bring me a tunic down' A3.8:13⁽¹²¹⁶⁾; *לשלמכן שלחח ספרה זנה* '(to inquire after) your welfare I am sending this letter' A2.1:12, A2.2:17, A2.4:13, sim. A2.3:12, A2.7:4 to impress the writer's personal concern; *עליך* 'my heart is torn over you' A3.6:3.

The word *כן*, whether anaphoric or cataphoric, very often and immediately precedes the verb: e.g., cataphoric—*כן אמיר לן* 'it has been said to us as follows' A3.3:4; *אמר כן ארשם* 'Now, Arsham says as follows' A6.6:4; *כן ידיע יהוי לך* 'Let it be known to you as follows' A6.10:8; *כן שמיע לן* 'we have heard as follows' A3.3:13; *אנתם כן לא* 'Count as follows' A4.1:3; anaphoric—*לעבב* 'you are not doing so' A6.10:5; *כן אפן* 'just as I did for you, thus do me then' C1.1:52. Also cataphoric is *כזי* meaning 'in such a way as ...': e.g. "Strictly guard my domestic staff and goods so that there will not be any decrease in my estate" A6.10:6; "... make them over to my estate just as the former officials had been doing" *ib.* 7; also A4.3:6, A6.10:2, A6.15:11, C1.2:3. In all these cases of *כן כזי*, however, the verb precedes, apparently because the cohesion between the two words is rather strong. See also *כזי כונה עביד* 'when it was done like this' A4.7:15.

Adverbials which often occupy the initial slot include: *temporal expressions*—*זי קדמן שובך מן קטל זכי* 'who rescued you previously from an innocent death' C1.1:46; *ליומן אחרתן שגיאן* 'after many more days I presented you ...' *ib.* 49, sim. A6.12:2; ... *ימח אסחור* 'tomorrow or (the) following day, should Eshor die ...' B2.6:17, sim. *ib.* 20, 22, B2.3:26, B2.4:8,

¹²¹⁵ At *כזי יוזא היה במצרין* 'when there was an unrest in Egypt' A6.11:4 it is not clear whether the writer, Arsames, is just not quoting accurately (*כזי יוזא*) or he intended some nuance, which escapes us.

¹²¹⁶ Rather than seeing here a repetition of the adverbial (so Porten - Yardeni 1986:44 with their *ומיד* (תכף) *אפריע לעבב ולעבב* 'Let them bring (them) to me at once, immediately and imme[diately]ly' A6.12:3 the pair is undoubtedly a case of emphatic repetition reinforced by a synonym (*אפריע*), for there is only one verb.

B3.8:21; 1 'on the 26th of Payni they inspected for the sea 1 ship' C3.7Kv3.21+; *quantifiers*—שגיא ירגש 'will be very agitated' C1.1:29; 'King Sennacherib loved me very much' ib.51; [אתנצחו] שגיא עמ[ן] 'they were very diligent with me' C2.1:75; שגיא חדית 'I rejoiced greatly' A3.5:2.

cs) An adverbial clause can either precede or follow the main clause: לה עבד אנה לה כדי תכלן תעבדן 'as much as you could do for him I am doing for him' A2.3:4, but לה שבק אנה לה ו כדי 'I am not leaving him alone as much as I am capable' A2.4:4. Temporal clauses introduced by אמת, and especially עד (זי) are as a rule placed after the main clause, whereas conditional clauses generally precede their apodoses: הן גרס לחמהם לשו להם קב ו עד תאחה אמהם שלח לי אמת תעבדן פסחא 'if their bread is ground, knead for them 1 qab before their mother comes. Send (word) to me when you observe the passover' D7.6:6. In ביום זי D7.8:6 the temporal clause is fronted, as the timing of shearing is new information, for the need to shear the ewe had already been indicated. A כזי-temporal clause mostly precedes the main clause: יהוה נפלג המו עלין כזי 'when it is time, we shall divide them to ourselves' B2.11:13, ענית כזי חזית ... 'when I saw ... I answered' C1.1:14, but כחבת אגרתא זא כזי כן שמיע לן ... 'I wrote this letter when we had heard ...' A3.3:13. See also A4.5:2, A4.7:15, A6.15:7.

ct) An adverbial phrase may be interrupted by a relative clause: אנת ידניה שליט בפטוסירי שמה עבדא זך זי משאך בחלק מן יומא זנה 'you, Jedaniah, have right to Petosiri by name, that slave, who came to you as a portion, from this day and for ever' B2.11:6.

cu) An adverbial may appear at the end of a clause as in 'Go, stand with him in Syene this day' D7.1:5.

§ 79. Extraposition

Under this term we understand a construction in which an element of a clause is fronted and is subsequently referred back by means of a pronoun.⁽¹²¹⁷⁾ The phenomenon is also known as *casus pendens*

¹²¹⁷ We thus exclude clauses in which an NP or a disjunctive pronoun precedes its finite verb predicate, but without it being explicitly repeated in the form of a pronoun.

For an approach based on the notions of functional grammar and discourse

or *nominativus pendens*, terms ill-suited to a grammar of Aramaic, which has no case markings. The fronted constituent usually receives a measure of prominence. It can be a) the subject of a clause with a subject NP preceding a finite verb or b) the object of a verbal clause, or c) the complement of a preposition.

a) ... ירתנה הו אשור 'it is Ešor that will inherit from her' B2.6:21. More examples may be found above at § 39 c.

b) ... השכח אגורא זך בנה 'that temple, he found *it* (already) built' A4.7:14 (// אגורא [זך בנה השכח] A4.8:12); ונה חלק ביתא זי 'this part of the house whose measurements and boundaries are written, I Ananiah have given *it* to you' B3.5:11; ונה זי משחתה ותחומיה כתבן בספרא ונה 'this house whose measurements and boundaries are written in this document, I Anani gave *it* to you' B3.10:11, sim. B2.3:8,25, B2.7:7,15, B3.11:7; ונה נכתב חויה 'as for me, a snake bit me' A2.5:8; פמיסי 'as for the she-ass which .. I am entitled to bestow on Pa[misi]' B7.3:4. Possibly in ובעל אגר לא יהיה לה גבר טב עם ג[בר לח] 'and a paymaster, he shall not have a good man with a bad man' C1.1:100.⁽¹²¹⁸⁾

c) ... פלגא אחרנא אנת שליט בה 'as for the other half, you have right to it ..' B2.4:11; ונה פלגא הו בניך מן מבטחיה המן שליטן בה 'as for that half, it is your children from Mibtahiah that have right to *it*' ib.12 (with a double extraposition); ונה ביתא יהבתך לך 'as for this house, I have given *it* to you' B2.7:7; ונה עבידה לא איתי 'you and the domestic staff of mine—you have no business (with them)' A6.15:9.

d) Unique to the Arsames correspondence is a double extraposition whereby the demonstrative pronoun זך or זכי resumes the extraposed NP—the choice between the two demonstratives is conditioned by the gender of the NP—and the demonstrative is in turn resumed by a suffix pronoun or its equivalent. This phenomenon occurs in ונה חנזני שמה ... זך פתפא הב לה 'one named Hinzani ..., that one, give him the rations' A6.12:1; ונה ... בנא 'the domain ..., that one, they do not bring me from there anything' A6.13:1; ונה פסמשך 'the matter concerning my estate (about) which P. might say to you ..., (concerning) that, obey

analysis, see Khan 1988:107-08, 110-18 (on BA); 123-28, 132-46 (on Syr.).

¹²¹⁸ An alternative interpretation identifies here two separate clauses: "he will not be his paymaster. So behaves a good man towards a bad man": see Grelot 1972:445 and Lindenberger 1983:165. Cf. Cowley 1923:225,245 and Kottsieper 1990:17.

him and do accordingly' A6.8:2, where one expects *בה* with *אשתמעו* or such like. In one case, a second resumptive pronoun is only seemingly absent: *סרוש[ית] א זי פסמשך י[שים] להם טעם למעבד זכי יתעבד להם* 'the chastise[ment], which P. will order to be meted out to them, that one, it shall be meted out to them' A6.3:7, where it is not necessary to postulate a disagreement in gender between the demonstrative and the following verb, but one is instead dealing with an impersonal passive.⁽¹²¹⁹⁾

e) Rare examples of extraposition in which the extraposed constituent is not referred back in what follows: *וכעת כל זי תצבה* 'and now, whatever you desire, send (word) to me (about it)' A2.4:7; *מה זי לקחת זיני תשלם* 'what you took, you shall pay damages (for it)' A6.15:8.

§ 80. Impersonal constructions

a) The 3ms of the passive pf. or impf. is sometimes used to focus on the action itself when no reference is intended to an entity formally indicated as 3ms: e.g. *אחרן זי מני שליח עליהם* 'some other matter (about) which word was sent from me to them' A6.2:6; *לא ישתמע לה* 'no hearing shall be granted to him' B3.8:42, sim. B6.4:8⁽¹²²⁰⁾; *יתעשה לי* 'Let note be taken of me!' A6.11:3⁽¹²²¹⁾; *וישחלח על המרכריא* 'and let (word) be sent to the accountants' A6.2:4. Perhaps there belongs here also *לה שאל על חרוץ* 'no enquiry was made about *Ḥarudj*' A2.3:6, though some scholars take it to mean "he did/does not ask ..," but "he does not" with a participle and without the subject pronoun is harsh.⁽¹²²²⁾ In *לא דמיא אשתאר לן עליך מן דמיא* 'there did not remain for us (any) of the price which could be charged against you' B3.12:6 there is an oblique reference to the subject.

b) In some cases a passive verb appears to have a NP functioning as its grammatical subject, but it is better to analyse such a clause as an imperfectly transformed passive structure in which the NP is still felt to be the object of the verb: *הן יהב לכי* 'if you be given a lamb and its wool' A2.2:8; *אגרה מנך*

¹²¹⁹ See § 80 a. All these examples, plus A6.16:2 where the text is too fragmentary, have been collected and discussed by Whitehead (1974:210-16) as cases of extraposition, though his analysis is unsatisfactory.

¹²²⁰ The preposition here is that of advantage or benefit (*dativus commodi*).

¹²²¹ Pace Grelot (1972:316), not reflexive: "Soucie-toi de moi." The reading is not *אשתעש* as in the editio princeps.

¹²²² Though not impossible: see Nöldeke 1898: §§ 253, 314.

ישתלח 'Let a letter be sent from you!' A4.7:24.⁽¹²²³⁾

The notion of *passivum majestatis*⁽¹²²⁴⁾ is not very convincing: not every case of passive with or without the agent-marking מן occurs in utterances in which respect and politeness are due.

c) A 3mp form may be used where the personal subject is not known, or the speaker or writer does not wish to specify it: תקם יתו לי 'they do not bring us anything' A2.5:2; 'Let them bring me castor oil' A2.4:12; לא שבקן לן 'they do not allow us' A4.7:23, possibly בפקדן [הפקדו] 'one placed (them) on deposit' B2.9:7 (rather than a passive H).⁽¹²²⁵⁾

d) It is rare to find the second person plural as the impersonal subject: 'what you do for him will not be hidden from Anani' A4.3:10.

§ 81. Coordination⁽¹²²⁶⁾

a) A constituent of a clause is often expanded by the addition of a term or terms of syntactically equal standing: thus אסבל לאבי 'I shall support my father' may be expanded to אסבל לאבי ולאמי 'I shall support my father and my mother.'

b) A preposition may be repeated with each of such coordinate terms⁽¹²²⁷⁾: הוי חזית על תשי ועל ברה 'Do look after Tashai and after her son' A2.3:11; לאלהיא ולארשם תחד[ה] 'you gladden the gods and Arsames' A6.16:2; יכלא למחסה או לבר לה 'to restrain Mahsah or a son of his' B2.1:9; ולמנפק בשוקא 'to open that gate and to go out into the street' ib.14; בחיי ובמותי 'in my lifetime and upon my death' B2.3:3; ומן בגזושת ... 'I bought from PN .. and from PN' B3.5:3; מן נכסיה אחרתן זילי '(decrease) in the domestic staff or in my other goods' A6.10:8; 'in Elephantine or in Syene or in the province' B3.13:11. Cf. also ביהא זילך אם וזי בניך מן אחרית 'the house is moreover yours and of your children after you' B3.4:16.

When the first term consists of a preposition with a conjunctive pronoun, the following term(s) often repeat(s) the same

¹²²³ See § 76 bb. Cf. מראי תשתלח 'Let a letter from my lord be sent!' A6.13:2, which, by virtue of the gender agreement, indicates flexibility in this regard.

¹²²⁴ On which see Kutscher 1969:17-20 and Folmer 1995:380-93.

¹²²⁵ See above at § 30.

¹²²⁶ Cf. Hug 1993:101f.

¹²²⁷ For a comparative overview in the first millennium BCE, see Garr 1985:176-79.

preposition: 'will say to you and to the troop which is at your command' A6.8:2; 'יתן לכם או לבניכם או' 'will give to you or to your children or to whomever they bring (suit) against' B2.9:14. This repetition is of course due to the conjunctive nature of the pronouns.

c) That the repetition of a preposition is optional when the leading term is not a conjunctive pronoun is shown by the following examples: 'upon his counsel and his words' C1.1:43; 'to deprive her of the house of Eshor and his goods and his possession' B2.6:30; 'will not do to that Pariyama and his colleagues' A6.7:8; 'to Shumshillech and his colleagues' A6.2:8; 'I shall give it to Haggai or Igda' D7.29:5.

However, in these examples and many others where the preposition is not repeated, the coordinate terms seem to form a cohesive unit. Thus in letters jointly addressed to two or more individuals: 'To my lords Jedaniah, Mauziah, Uriah and the troop' A4.2:1, sim. A4.3:1; 'to my sister(s) Taru and Tabi from your brother Nabusha and Makkibanit' A2.5:1; 'from Arsham to Nakhthor, Kenzasirma and his colleagues' A6.13:1; 'Let a letter be sent to Nakhthor the official and the accountants' ib.2, sim. A6.14:1. In 'to prefect and lord' B3.10:19, B3.11:13 and 'to prefect and lord and judge' B3.12:28 a range of possibilities is given. The same applies to 'to a son of yours or a daughter' B3.4:14; 'if ... they institute (suit) against a son or a daughter of yours' ib.18 where the cohesion of 'son or daughter' is made evident also by the position of 'against your children or your brothers or a person of yours' B2.9:11. See also 'to Jedaniah and Mahseiah' B2.9:3 (brothers); 'to the house of Eshor and his properties and possession and all that he has on the face of the whole earth' B2.6:18; 'I did not repay you your silver and its interest' B3.1:7; 'in a letter we sent .. in our name to Delaiah and Shelemiah sons of Sanballat' A4.7:29; 'to bring (suit) against your sons or your daughters or one to whom you give (it) for silver' B3.12:26; 'in the Upper and Lower (Egypt)' A6.7:6.

Cp. 'to ascend and descend' B3.10:15 with the

above-quoted 'to open .. and to exit' B2.1:14 with two infinitives with two words intervening. Also instructive is אגרה שלחן <על> מראן || ועל יהוחנן כהנא רבא וכנחא כהניא זי בירושלם 'we sent a letter (to) our lord and to Jehohanan the high priest and his fellow priests who are in Jerusalem and to Ostanēs the brother of Anani and the nobles of the Jews' A4.7:18⁽¹²²⁸⁾ where a total of five terms is classified into three categories, each of which is headed by the preposition על.

d) The auxiliary verb הוה in a periphrastic tense is not repeated: 'we were wearing sackcloth .. and fasting and praying to YHW' A4.7:15. The same interpretation may be applied to 'and do let him buy beams and leave (them) in his house' A2.2:14, where taking שבק as an imperative is unlikely in view of והוי לקח שערן מן תשי ויהב 'and do take barley from Tashai and give (it in exchange) for beams and leave .. every beam' A2.4:9 where the impv. of יהב must be הב.

e) *Coordinating conjunction* או or ו-

In the following cases of asyndeton the terms do not appear to be equal in weight: 'I have given you a house (with a plot of) land which was mine' B2.3:3⁽¹²²⁹⁾; 'a plot of) land (with) a house' B2.4:3⁽¹²³⁰⁾. See also 'Mahseiah son of Nathan 1, Jedaniah son of Nathan 1, all (told) 2 said' B2.11:2 where the singular verb is due to the fact that Mahseiah is the one who is drawing up the contract.

ea) As a rule, however, coordinate terms are linked by means of either proclitic Waw or או. Thus 'a son of mine and a daughter of mine' B3.10:18; 'tomorrow or the next day' B2.1:8 et passim. Exceptions are וקן תור ענו מקלו 'and sheep, ox, goat are [n]ot made there as burnt-offering' A4.10:10; 'Mahseiah son of Nathan 1 (and) Jedaniah son of Nathan 1 all told 2 said' B2.11:2.

eb) Where three or more terms are coordinate, there may

¹²²⁸ Cf. A4.8:17. על מראן אןרן על יהוחנן //

¹²²⁹ A case of sandhi (§ 10 b). Alternatively a haplography for זי וילי, or an asyndetic clause, 'it was mine.' Cf. Porten 1996:165, n. 15.

¹²³⁰ The emphasis is clearly on the land in B2.4:3, while in B2.3:3 it is on the house.

occur only one coordinate conjunction between the last two terms, thus [a + b + Waw + c]: מנחה לבונה ועלויה 'meal-offering, incense and burnt-offering' A4.8:21; ... בעין[ן] ... נשרן אף ... מתנצחן ... פקידים 'the officials .. are being diligent .. guarding, moreover .. seeking .. and adding to ..' A6.10:3⁽¹²³¹⁾; על נחתחור וכנסרם וכנותה 'to Nakhthor, Kendasirma and his colleagues' A6.11:1, A6.12:1, A6.13:1⁽¹²³²⁾; מדינתא וספרי וכנותה בגדן וכנותה 'your servants Achaemenes and his colleagues, Bagadana and his colleagues and the scribes of the province' A6.1:1 where the internal structure could be represented as: {your servants [Ach. /and/ his colleagues] [Bag. /and/ his colleagues] //and// [the scribes of the province]}, or alternatively, {x} = [a + b], [c + d] + e. In other words, the conjunction Waw is used between the last two of three constituents at a higher level, whereas it also joins two constituents of a sub-constituent at a lower level. Likewise אנחנו שקקן לבשן הוין וצימין נשיא זילן כארמלה עבידין משח לא משחין וחמר לא 'we were wearing sackcloth and fasting, our women have been treated like widows, we do not anoint (ourselves with) oil, and we do not drink wine' A4.7:20, thus [(a + b), c, d and e]. See also אל מראי ידניה מעוזיה אוריה וחילא 'to my lords Jedaniah, Mauziah, Uriah, and the troop' A4.2:1, which may be interpreted as a string of two terms, the first מראי being in apposition to the following three names: [a (= a₁ a₂ a₃) + b]. Likewise אל מראי ידניה אוריה וכהניא 'to my lords Jedaniah, Uriah and the priests' A4.3:1, which is complemented by אל מראי ידניה אוריה וכהניא 'to my lords, Jed., Ur. and the priests, and the Jews' ib.12 where we have a basic structure of [a + b + c].

ec) As shown in some examples above, a string of NPs may consist of smaller units which in turn form a cohesive string members of which may be joined by a coordinate conjunction:

With no Waw between the larger strings—

לא יכהל ׀ בר וברה ׀ אח ואחה ׀ קריב ורחיק ׀ בעל דגל וקריה
'son or daughter, brother or sister, near or far, member
of a detachment or town shall not be able ..' B2.1:8
איתנין נכסיה ׀ לבשי קמר וכתן ׀ מאני נחש ופרזל ׀ מאני עק וחוצן ׀ עבור
ואחרן נכסן
'there are the(se) goods—woolen and linen garments, bronze
and iron utensils, wooden and palm-leaf utensils, grain and

¹²³¹ This contrasts with ... על ועבדו על ... וסטרן ... בעו והנעלו 'Be diligent .. guard .. seek and bring in .. and mark .. and make over to ..' ib.5.

¹²³² In contrast to על נחתחור וכנסרם וכנותה 'to Na. and Kendasirma and his colleagues' A6.14:1.

other things' B2.9:5

לא נכהל נרשה ׀ לבר וברה לכם ׀ אח ואחה ׀ אנתה ואיש לכם

'we shall not be able to bring suit against son or daughter of yours, brother or sister, woman

or man of yours' B2.10:10

רשכם ׀ בר לי וברה ׀ אנתה ואיש

'son of mine or daughter,

woman or man brought suit against you' B2.10:12

בי זי לבנין ׀ כסף ודהב ׀ נחש ופרזל ׀ עבד ואמה ׀ שערן כנתן וכל זון זי
חשכח

'brick house, silver or gold, bronze or iron, male or female slave, barley, emmer or any food that you might find'

B3.1:9

בל ונבו ׀ שמש ונרגל

'Bel and Nabu, Shamash and Nergal' D7.30:3⁽¹²³³⁾

With a Waw between the larger strings—

לכם (a + b) + (c + d) ׀ וירשון ׀ לבר וברה ׀ ואנתה ואיש לכם

'and they will bring suit against

son or daughter or woman or man of yours' B2.10:14

a + (b + c + d) ׀ בשמי אנה ידניה ׀ ובשם בנן ואנתה ואיש לי

'in my name, I, Jedaniah, or in the

name of children or woman or man of mine' B2.10:12⁽¹²³⁴⁾

Finally 'your servants Achæmenes and his colleagues, Bagadana and his colleagues, and the scribes of the province' A6.1:1 illustrates a combination of the structure under discussion here and the one dealt with in the preceding subparagraph: a [= (b + c) (d + e) + f].

How great the scope for stylistic variation is in this regard is easy to see by comparing the examples cited above from a single document, B2.10.

ed) A coordinating conjunction may be repeated *ad nauseam*:

רע ואשי ורע 'Greetings to Nky and Ashah and Tashai and Anathi and Ati and Re(ia)' A2.1:3; נפרח על כסף ועבור 'a litigation(?) about silver and grain and clothes and bronze and iron, all (the) goods and

¹²³³ In the treaty of Bar-Ga'yah we note a long series of divine witnesses paired as here, but all the eight pairs are in turn linked with the conjunction Waw: ... 'and in the presence of Nergal and Lats and in the presence of Shamash and Nur and in the presence of Sin and Nikkal ...' Sefire I A 9.

¹²³⁴ The internal hierarchy here is [a + (b + c + d)]. Moreover, the members of the second smaller string are also connected by the Waw.

property, and the wifehood document' B2.8:3, though the preposition על is not repeated; 'I, Jedaniah, or my children, or woman or man of mine' B2.10:9; 'the house is yours and of your children and of whoever you give (it) to affectionately' B3.12:30.

ee) The syntagm [NP and NP + adj.] may be shorthand for [NP + adj.] and [NP + adj.]: 'a document new or old' B2.3:16, B2.7:12, B3.12:29; 'other sons and wife besides Miptahiah and her sons' B2.6:33 (with disagreement in gender and number).

ef) Many strings of coordinate phrases, whether joined by the conjunction Waw or not, do not count as multi-membered constituents for the purpose of grammatical agreement. Thus in 'סבל בר וברה לאבוי' the verb is in the singular, since it is not about a son and daughter jointly looking after their father, but rather a range of possibilities is being mentioned: 'a son or daughter will support his(!) father' B3.6:11. So also 'לא אכהל אנה אוריה ובר' 'I shall not be able, I, Uriah, or son or daughter of mine, brother or sister of mine, or man of mine to press him (into) slave(ry)' B3.9:4.⁽¹²³⁵⁾

eg) A NP prefixed by the conjunction Waw is at times logically subordinate to the preceding NP, and such a Waw traditionally is known as Waw of accompaniment: 'אנתי שביקה ... ויהישמע ברחכי' 'you are released .. along with Jehoishma your daughter' B3.6:8; 'אמרת חפמת ויהישמע ברתה אנחן יפלחך' Tapemet said, with Jehoishma her daughter, "We shall serve you" ib.11 (namely, also on behalf of J.); 'חמלא בכספך ומרביתה' 'you are fully paid back your silver together with its interest' B3.1:11, cf. B3.1:7,11,12,14,16,18. The lack of grammatical agreement between the apparent multiple subject and its predicate can be partly explained in terms of Waw of accompaniment.⁽¹²³⁶⁾

§ 82. Circumstantial clause

A form of coordination at clause-level is a syntagm in which the second clause, mostly a nominal clause, joined to, and logically subordinate to the leading one by means of the conjunction Waw, describes a situation which prevails when the action described in the first clause takes or took place. Examples are: 'ולא יתלקח בדין' 'and it shall not be accepted in a suit while this

¹²³⁵ There are also cases which display varying degrees of agreement: see above § 76 cg.

¹²³⁶ See above, § 76 cg.

document is in your hand' B2.3:17, sim. B3.1:12,13,19,20, all with והון וימות ענייה ובר זכר ונקבה לאיתי לה ...; וספרא ונה בידך 'if A. dies while he has no child, male or female ...' B3.8:28, sim. ib.34; 3 וכן בה '(there are) 3 windows in it' B3.10:13; נמרא פגע 'a leopard meets/met a goat while she is/was naked' C1.1:166; אל תהושרו לי לחם ולא הו חתם 'don't dispatch to me bread when it is unsealed' D7.44:4; ... נדרשו ודשיהם קימן 'they demolished gates ... with their doors standing' A4.7:10.⁽¹²³⁷⁾

A rare example of a circumstantial clause not introduced by the conjunction Waw is: מלח קבן 2 דקק וחצף קפתא עלוהי 'Dispatch to me salt, two *qabs*, fine and coarse, (with) the basket on it' D7.7:1, though the style is telegraphic.

§ 83. Negation

a) Our idiom knows two negators: אל and לא (regularly spelled לה in the Hermopolis letters^[1238]).

b) אל is used only in verbal clauses, placed immediately before a jussive or energetic form to indicate the speaker's wish that something does not happen. E.g., אל חצפי לן 'Do not worry about us!' A2.1:7; אל ירחק מנכם 'Let him not be far from you!' A3.10:8; אל תלקחן 'Do not take!' C1.1:167 (with an energetic).

c) The use of לא (including לה) is far more varied. When immediately preceding a predicatively used verb or adjective, it negates the veracity of the entire statement. Otherwise it negates only the constituent immediately following. Exceptions are: וי לא אל עמה 'one with whom El is not' C1.1:97; ולא הו חתם 'and it is unsealed' D7.44:5; לא אנחן יהבנה לכי 'we did not give it to you' B5.1:5.

d) לא may negate: the *perfect*—לא כחשת 'I did not beat up the wife of yours' B7.2:9; לא שלחו עלין 'they did not send us a single letter' A4.7:19; לא ספר לה הושרתן לי 'you did not send me a letter' A2.5:7; the *imperfect* —לא אכהל אכלאנך 'I shall not be able to restrain you' B2.1:6; לא תמות 'you will not die' C1.1:177; the *participle*—לא לבבי לה דבק לה 'my heart isn't attached to it' A2.1:5; לא משחין וחמר לא שתינן (we) do not anoint with oil and do not drink wine' A4.7:20; the *particle of existence*—לא איתי 'there is no injury' A3.3:7; לא איתי 'there is not (a thing) which is heavier than ..' C1.1:159; ולא איתי וי יקר מן ... 'you have no business' A6.15:9; והון מלח לאית

¹²³⁷ in the st.abs. cannot have an attributive function ("their standing doors"). Cp. "but their doors *are* standing" (Ginsberg 1955:492).

¹²³⁸ See above, § 5 g.

בביתא 'if there is no salt in the house' D7.2:3; the *predicative adjective*—*לֹא שָׁלִיט אַתָּה לְזַבְנָה* 'you do not have right to sell ..' B2.4:6; *חסרה* 'it does not lack water' A4.5:7; the *adverb*—*לֹא עַד נִפְלַג עֲלֵינוּ* 'we shall not yet divide (them) between us' B2.11:13; *prepositional phrase*—*לֹא בְיוֹמֶיךָ* 'you will go and (that) not in your days' C1.1:86; *[sic!]* *וְלֹא בַחֲרָבִי* 'my enemies will die, and that not by my sword' ib.110.

Also negating a nominal clause in *לֹא זֵילֶךְ הוּא* 'that gate is not yours' B2.1:12.

e) Elsewhere *לֹא* occurs in cleft sentences: *לֹא אֲנִי כָתַבְתִּיהָ* 'it is not I that wrote it' B2.3:17; *לֹא בְיָדֶיךָ מִנְשֵׂא רִגְלֶךָ* 'it is not in your hands to lift your leg' C1.1:171, but apparently not in *לֹא אֵל* 'one with whom El is not' C1.1:97; *וְלֹא הוּא חָתָם* 'and it is unsealed' D7.44:5; *לֹא אֲנַחְן יָהֲבָנָה לְכִי* 'we did not give it to you' B5.1:5.

f) *לֹא* may serve for categorical negation with a sg.abs. noun⁽¹²³⁹⁾: *לֹא לֵב[ב]* 'a man of no mind, a totally senseless man' C1.1:82; *לֹא חֶסֶרָן הוּא לָכֵם* 'it is no loss whatsoever to you' A4.3:9; *לֹא דִין וְלֹא דִבָּב* 'without suit or process of any kind' B2.3:14, B2.8:10 et passim; *לֹא שְׂאֵר קִטְמִין* 'no leftover of cucumbers' D7.17:11.

A case such as *לֹא שָׁלַחְתִּי בְשֵׁמָה* 'you have not sent a single letter about him' A2.3:5—more examples in § 78 *cd*—is syntactically distinct in that the negator does not precede the noun.

g) *לֹא הֵן* 'if not, otherwise' A3.10:6; D7.16:3,7 must have resulted from ellipsis.

§ 84. Conditional statements

a) The standard conditional statement consists of two clauses, a protasis (= prot.) which, introduced by *הֵן*, states a condition, and an apodosis (= ap.) which states a consequence which follows or would, could, or might follow when or if the condition is met. We are concerned here mainly with the variation in tense in both

¹²³⁹ This morphological constraint that the noun in question must be sg. and/or abs. seems to us to be important. Thus, of the examples collected by Hoftijzer (Hoftijzer 1976:196) *לֹא בְרִי זֵי בְרִי* C1.1:30 does not apply, for it hardly means 'my son, who is my degraded son' as Hofijzer would have it. For the same reason we would take *לֹא פֶשֶׁרָן* 'without fail' D7.20:2, D7.37:10 as singular.

One can naturally include here a substantivised adjective as in *לֹא בִישׁ בַּכְפִּי* 'there is no evil in my hands' Pap. Amherst 63: 6/3, 9.

clauses and with the correlation between the choice of tense and the logical relationship between the two clauses of a conditional statement.⁽¹²⁴⁰⁾

b) Prot. pf.—ap. impf.

The syntagm signifies that, should the situation indicated by the prot. be or become a reality, that which is indicated by the ap. possibly or most likely would become a reality: הן חזית מה 'if I saw what you had in abundance, I might give it ..' A2.1:5; הן אשכחת אש מהימן אחת לכן מדעם 'if I find someone trustworthy, I would bring you something' ib.9; הן כן עבדו ... 'if they did thus .., then it would be considered a merit for you' A4.7:27 (with a Waw of apodosis and // תעבד A4.8:26); הן לא קמת ... אחננה לך 'if I did not stand .., I shall give it to you' B1.1:10; הן כליחך אנתן לך ... 'if I restrain you, I shall give you ..' B2.1:7; הן העדת המו מנה ... אנתן 'if I remove them from her, I shall give ..' B2.6:35; sim. B2.8:8, B3.1:6, B3.2:5-8, 8-9, B3.4:14-15, 18, 20, B3.5:14, 3.6:13-14. In many cases, the apodosis appears to indicate a promise, pledge or commitment on the part of the speaker.⁽¹²⁴¹⁾

c) Prot. pf.—ap. impv.

The protasis indicates a situation which may already be prevailing or may arise in future: הן יהב לכי נקיה ... שלחי לי 'if you have been given a lamb .., send (word) to me' A2.2:8, sim. 9, 10, 16⁽¹²⁴²⁾; הן משאך ... שלח לי 'if .. has already reached you, send (word) to me' A2.4:6; והן לא השכחת אפם חת לעבק 'should you not find, still come down at once' A3.8:8; see also A3.8:5, 7.

d) Prot. pf.—ap. NC.

The syntagm signifies that, should the situation as indicated in the prot. be or become a reality, that which is indicated by the ap. would certainly apply. E.g., הן זבנתון ... טב 'if you have bought, (it is) good' A3.10:5; הן לא שלמו ... אנת פחנום שליט בערבני 'if my children fail to pay .. you Pakhnum have right over my security to seize (it) and take for yourself ..' B3.13:9. This last example shows that an NC and an impf. as ap. following a pf. as prot. have the same morphosyntactic value. See also הן 'if (a second year) came round and I have not (yet) paid .. you Meshullam and your children have right ..' B3.1:7, sim. 15, B3.5:17.

¹²⁴⁰ Cf. Folmer 1991 and Folmer 1995: 394-415.

¹²⁴¹ Cf. § 52 e.

¹²⁴² So Hug 1993:137 ("übergeben wurde") and Grelot 1972:154 ("si on t'a remis ..").

e) *Prot. impf.—ap. juss.*

The only example found is ... אל תתנו ... הן יהיה 'should he be ..., do not give ..' A6.9:6.

f) *Prot. impf.—ap. impv.*

This syntagm is functionally related to (e), both the juss. and impv. being volitive forms. E.g., הן יאחדן רשיעא בכנפי לבשך, 'if the wicked take hold of the corners of your garment, leave (it) in his hand!' C1.1:107; הן ... ירשה על ביתא זך ספרא זך 'if .. he bring (suit) over that house, produce this document' B2.3:26.

g) *Prot. impf.—ap. impf.*

E.g., "if there be (הן ... יהיה) any decrease in the domestic staff or in my other goods and from elsewhere you seek not (לא חבעון) and add not (לא תהוספון) to my estate, you will be strictly called to account (תשחאלון) and a harsh word will be directed (יתעבד) at you' A6.10:8; הן תעבדן [לה ט]בה בסון יעבד לי [אף הן] 'if you do [for him g]ood in Syene, h[e also] would do (good) for me' D7.1:7. See also C1.1:172,177,191(?), B2.3:20, B2.4:10, B2.6:33, B3.4:19, B3.11:10.

h) *Prot. impf.—ap. NC.*

E.g., ... הן מחר ... תבנה ... לא שליטה הי למלקחה 'if tomorrow she .. build up .. she has no right to take it ..' B2.4:8; והן [ימות] 'if Ananiah die .. it is Jehoishma that holds on to him' B3.8:28; הן תהנצל ... פלג ביתא [י]ה[ו]ה לה למלקח 'if she reclaim .. half the house [s]h[al]l be hers to take but the other half—you shall have right to it' B2.4:10. The last example shows the morphosyntactic equivalence of the impf. and the NC in an apodosis.

i) Whether there is a functional difference between the pf. and impf. in the prot. is a moot point. Kutscher (1954:234) noted the syntactic preference for a pf. if the verb immediately follows הן or לא, though he was apparently aware that the rule is not water-tight; see A4.7:27 quoted above under (b), and B3.5:14 and B2.10:12, both with a disjunctive pronoun intervening, which is the normal position (§ 39 e). It is difficult to establish a functional opposition between the two tenses in this syntagm. Especially instructive is ... הן כן עבדו 'if they did thus ..' A4.7:27 // ... הן כן תעבד 'if you do thus' A4.8:26 in a revised official document of same date.⁽¹²⁴³⁾ Even within a single

¹²⁴³ Joüon's (1934:21) view that the prefix conjugation, which can have a volitive nuance—"if you wish to act .."—, can account for the tense variation does not convince us.

document both tenses occur.⁽¹²⁴⁴⁾ For example, הן מיהתי ברת שכן 100 'if you die 100 years old' B3.5:17 vs. ואף הן אנה ענני אמות בר 100 'and moreover, if I, Anani, die 100 years old' ib.18; even within a single sentence—והן אנה ידניה רשיתכם ורשכם ... וירשון לבר ... 'if I, Jedaniah, bring (suit) against you and .. bring (suit) against you .. and they bring (suit) against son or daughter ..' B2.10:12; ... או נרשה ... הן רשינך דינא ... 'if we bring (suit) .. or we bring (suit) ..' B2.11:9. Folmer (1991:73-77) thinks one can speak of a gradual dominance of the impf.

j) *Prot. אית—ap. impv.*

The only example is הן את ערב עליכי אחיה לתפמת 'if you have a guarantor against you, bring him to Tapamet' A2.3:9.

k) *Prot. אית—ap. impf.*

Attested only once: הן אית לך חמרן 10 ישבוקן המו 'if you have ten asses, they will release them' A3.1:4.

l) *Prot. NC—ap. juss.*

Attested only once: הן על מראי לם כות טב אגרת מן מראי תשתלח ... 'should it thus please my lord, let a letter be sent from my lord ..' A6.13:2.

m) *Prot. NC—ap. impv.*

Attested only once: הן על מראן טב אחעשת .. 'should it so please our lord, take thought ..' A4.7:23.

n) Very occasionally one also finds a participle in a protasis as in ... הן נחת אנה 1 למנפי אל תשבך 'if you come down alone to Memphis, do not leave ..' A3.8:11. Here again the ptc. is morphosyntactically equivalent to the impf. as shown by הן נפקה ... 'if good comes out from the mouth of ..' C1.1:171 vs. הן לחיה תנפק מן [פמהם] 'if evil comes out from their mouth' ib.172.

o) Once the pf. appears in an apodosis, but it is performative in force: ... הן כנם הו כמליא אלה .. ידבת ... 'if it is thus in accordance with these words .. I hereby give ..' A6.11:3.

p) Though not introduced by the conditional הן, a generalising relative clause is similar to a conditional clause: למן זי רחמתי תנתן 'to whomever you care, you may give (it)' B2.3:9. Another synonymous structure is headed by כזי as in הן לא ידב ... 'when he gives .. and if he does not give ..' A3.8:10.⁽¹²⁴⁵⁾ See

¹²⁴⁴ Pace Folmer (1991:74). See the above-quoted pair in B3.5:17,18 and הן אנה גריתכי 'if I bring (suit) against you' B3.5:14 vs. הן גבר אחרן יגרנך 'if someone else bring (suit) against you' ib.16.

¹²⁴⁵ Cf. Germ. *wenn*.

also יהוה כדב 'that document, which they might produce against you, shall be fraudulent' B2.3:16.

Another implicitly conditional statement is illustrated by 'Should I go to law, I shall not win' B2.3:22 and 'Should he go to law, he will not win' B3.11:15; 'Moreover, should they go to law, they would not win' B3.1:19.

Though totally lacking a formal feature of a conditional statement, the general context allows one to recognise such in a case like⁽¹²⁴⁶⁾: "Tomorrow or [the ne]xt day, should Ešhor die (מחר או יום אחר) not having a child, male or female, by Miptahiah his wife, it is Miptahiah who has right (מפטחיה הי) to the house of Ešhor .." B2.6:17, sim. ib.20,22. Cp. והן ... 'and if Ananiah should die, not having a child, male or female ..' B3.8:28, sim. ib.34.

q) An unreal condition contrary to fact may be introduced by 'if we had revealed ..' A4.2:8⁽¹²⁴⁷⁾; לו or הגלו as in... 'were I put [in] the stocks, ...' D7.10:1.

r) An apodosis may be introduced by the conjunction Waw, a so-called Waw of apodosis⁽¹²⁴⁸⁾: הן כן עבדו עד זי אגרא זך יחבנה 'if you did like this until that temple is (re)built, then it will be (considered) a merit for you ...' A4.7:27; הן יעדרן/יעדרן 'if they will help / hoe (?), then let Aḥutab take out wool' D7.7:7.

§ 85. Direct speech

a) A direct speech is often presented as actually uttered without any external marker signalling it as such: אל יאמר עתירה 'May the rich not say, "In my riches I am glorious"' C1.1:206; כן אמר כזי אנה הוית אתה 'Thus he said, "When I was coming .."' A6.3:2; ... הן אמר איתי לי 'If I say, "I have .."' B2.6:33; sim. ib.31, B3.7:15. In כזי נכסיה ... תנאמר להן 'and Jehohen ... shall not be a[b]le to [say to him] ... "[T]hese goods and the silver ... I gave you in affection"' B6.4:6 we possibly find direct speech introduced by זי in the manner of ὁδὸν *recitativum*, though the verb of saying is

¹²⁴⁶ See Joüon 1934:22.

¹²⁴⁷ The particle at C1.1:35 is probably a combination of הן and לו, which latter is a result of sandhi, i.e. < לא הו, thus 'if it is not (so)' = 'otherwise.' So Ginsberg 1955:427. This is virtually certain at ib.176.

¹²⁴⁸ On the apodotic conjunction in OA, see Dion 1974:317, Garr 1985:194f., and Fitzmyer 1995:217, and on that in Egyptian Aramaic, Grelot 1970.

a restoration.⁽¹²⁴⁹⁾ Also with *שלח* alone: *אנה* [שלח]ת לכם לם אל 'I sent (word) to you: "Don't dispatch .."' D7.44:2; ... *שלחתן* לם [י]שלחו לי מעמא 'you sent (word), saying "Let them send me the instruction"' D7.48:7.

b) Equally frequently, however, *לאמר*, the fossilised archaic G infinitive without the prefix Mem⁽¹²⁵⁰⁾, serves to signal the onset of a direct speech: *הן קמן לאמר לא נסבלינך* 'should we stand up, saying, "we will not support you"' B3.6:13.

Here belong also cases such as: *אמר לי יאוש לאמר הבה בזהב* 'Jaush said to me, saying, "Give it for gold"' A3.7:4; *כן אמיר לן* 'we were told thus, "About this .."' A3.3:4; *קדם* ... *לאמר על זנה* 'I have sent (word) before my lord, "something of an injustice was done to me"' A5.2:8; *כזי חשמעין* 'when you hear, "We began .."' D7.9:10; *כזי כן שמיע* 'when we have heard, "you will be released"' A3.3:13.

c) On *לם*, see below, § 90 e.

§ 86. Vocative and interjection

a) The Ahiqar idiom uses *יה* as a specifically exclamative particle: *אנת יה ברי הכצר כל כציר* 'You, o my son, harvest every harvest!' C1.1:127; *אנת יה ברי זף דגנא* 'You, o my son, borrow grain!' ib.129†. In neither case does the particle occupy the initial slot.

b) A word or phrase that functions as a form of address does not normally occupy the initial slot in an utterance: *הן צבה* 'if you desire, o my son, that you be ..' C1.1:149; *הן אמחאנך ברי לא חמות* 'if I hit you, o my son, you will not die' ib.177. In both cases, moreover, the addressing form follows immediately an element (*אנת*; *ך*-) which is referred to by the former. Other examples of the vocative, all names, are: *[ח]חיי* 'May you survive, O Ahiqar, the father of the whole of Assyria' C1.1:55⁽¹²⁵¹⁾; *אמר לן נבוסמסכן רביא* 'Tell us,

¹²⁴⁹ Folmer (1997:147-49) believes that a few more examples of this kind, notably B2.2:7, can be found in our corpus. To make *אנה* refer to Dargamana, when he is supposedly reporting what Mahseiah swore is difficult, and the former is renouncing his claim on the disputed piece of land. *הא* is perhaps an error for *הי*, coming immediately before *אנה*. Then one would obtain *הי זילי אנה*, a perfectly idiomatic utterance for emphatically claiming ownership: see above at § 39 e, (vi).

¹²⁵⁰ See § 24 p.

¹²⁵¹ The first word may be restored as *חיי*. Then it would be a plain optative:

O Nabusumiskun the young man!' ib.58; הקימני אל בצדיק עמך 'Establish me, O El, as a righteous (one) with you!' ib.109.

c) An exceptional case with the vocative in the initial slot is: אל תל[ו]ן ט יומא 'O my son, do not curse the day!' C1.1:80.

d) In some cases it is difficult to tell vocative from apposition: e.g. יהבת לכי תמת 'I gave you, Tamet' or '.. O Tamet' B3.5:6. The legal parlance would probably suggest apposition.

e) Our idiom has at its disposal a rich variety of presentatives in comparison with Contemporary English and the difference in nuance between them eludes us: הלו, הא, ארה.⁽¹²⁵²⁾ Their function is to draw the hearer's or reader's attention to a message about to be communicated. Thus their natural position is clause-initial, as is clearly seen in that they often follow the clause-introducing כען 'and now, see, you haven't sent a (single) letter about him' A2.3:5; כען הא אחין תמה 'now, see, they are coming there to you' A4.3:5; כענת הא 'now, see, I shall dispatch the legumes tomorrow' D7.16:1; כען הלו חלם 1 חזית 'now, look, I saw a dream' D7.17:1. See also A2.2:4, A2.3:8, A4.2:7, A6.9:2; D7.1:2, D7.8:2, D7.20:6, D7.24:1,3.

The conventional translation of these particles with "lo," "behold" or "verily" is stylistically unsuitable: their use is not confined to the lofty, elevated style or officialese, as is demonstrated by the homely, familiar tone of the Hermopolis letters and other similar documents.

That as presentatives these words do not substantially contribute to the contents or substance of a message, but play nonetheless an important communicative role is indicated by the fact that they never constitute an utterance on their own and that, in the manner of Fr. *voilà*, they may be followed by a plain noun phrase: e.g., הא שמחת גבריא זי אשתכחו בבבא 'see, the names of the men who were found at the gate' A4.4:6.⁽¹²⁵³⁾

f) חזי may look like a presentative, but it is, in reality, an ordinary verb often followed by an object: e.g., הא אנת חזי אגרת 'Behold, you, regard the letter of Arsham' A6.15:3; חזי 'Look after the servants' A3.5:6; inflected in the pl.—כענת—חזו חנתא זי יהב לי אוריה 'Now, regard the gift (?), which Uriah gave me' D7.9:1.

¹²⁵² 'May A. .. survive!'

¹²⁵² Cf. Brown 1987.

¹²⁵³ On this type of nominal clause, see § 77 *bh*.

§ 87. Prepositions

Without touching on purely lexicographical matters, we make the following observations concerning prepositions:

a) ב *essentiae*⁽¹²⁵⁴⁾

This preposition sometimes occurs prefixed to an NP, which, in relation to a preceding NP, can be perceived as a predicate of an equational nominal clause. E.g. בצדיק עמך 'Establish me, O El, as a righteous (one) with you!' C1.1:109 where there is a nominal clause underlying between the pronominal object in and the predicate, i.e. בצדיק אנה, i.e. 'lest the god⁽¹²⁵⁵⁾ should proceed as his help' ib.126; בפקדן [הפקדו] 'one placed (them) as deposit' B2.9:7; יהיב במכלא 'was given as the food' C3.14:34; מטאך בחלק 'came to you as a portion' B2.11:3,7,9,10,12; באגר יהבת לה 'I gave him as payment' B8.5:15.

b) בין 'between'⁽¹²⁵⁶⁾

An object situated between two other objects may be indicated by repeating the preposition prefixed with the conjunction Waw as in בין ענני // בין תמח ובין ענני 'between Tamet and Anani' B3.3:12, ib.11, sim. B3.7:11. Where one of the objects is expressed as a pronoun, the repetition is inevitable: ביני ובין מריה 'between me and its owner' A3.10:2; ביני ובין בית פפמעונית 'between us and the house of Peftuauneith' B2.1:13.

c) Quite often the preposition בנו stands on its own, its complement understood from the context: הירא זילך וי קבלת עלי 'of yours about which you complained against me' B3.2:3, sim. ib.5,7; טב לבבך בנו 'your heart was satisfied about it' B2.6:5, sim. ib.15, B2.9:9, B3.8:5, B3.12:6, B4.4:9; ון [th[at] אשתבק בנו 'was abandoned therein' A6.11:2; חב בנו 'Dwell herein' B2.4:6. This is the norm where it precedes a list of witnesses to an official document as in ... שהדיא בנו מנחם 'The witnesses hereto: Menahem ..' B2.11:15 et passim.

d) Likewise עלא. E.g., הן רשינך דינא עלא 'if we bring (suit) againt you about it' B2.11:9, sim. B2.9:14; ספר כתב לי עלא 'he

¹²⁵⁴ Cf. Joüon 1934:31f. For a similar phenomenon in BH, cf. Joüon - Muraoka 1993: § 133 c.

¹²⁵⁵ Assuming אלהיא as an error for אלהא.

¹²⁵⁶ Cf. Haneman 1975 and Muraoka (forthcoming).

Although our idiom uses בין with a referent in the plural inclusively—e.g., שוק מלכא ביניהן 'King Street is between them' B3.12:19,21, the context indicates that בינין at B2.1:14 cannot mean "between us" in the sense of "between you and me" (*pace* Grelot 1972:173—"entre nous"). It must be an error for בינין and פפמעונית, which in turn is elliptical for בית פפמעונית.

wrote a document for me about it' B2.7:3, sim.ib.10, B2.9:14.

e) A preposition may be elided from a phrase prefixed with the preposition of similarity, כ: e.g. וְכַתְּבָהּ לְהַלְוֵהוּ בֵּיתָהּ 'As for that one, give him and his household personnel the ration as (to) others' A6.12:1 (= כלִּיאֲחֵרֵנִי).⁽¹²⁵⁷⁾

Another case of similar ellipsis, also involving comparison, is ... מִן גִּבּוֹר לֵךְ 'it will be counted as a merit for you ... than for any (other) person who ...' A4.7:27.

f) Some authorities admit an "emphatic"(read: "asseverative") particle כ- or "Kaf veritatis": e.g. מֶלֶךְ כִּרְחֻמָּן 'a king is indeed merciful' C1.1:91⁽¹²⁵⁸⁾. There is no compelling reason for postulating such a Kaph in לִי 'something of an injustice was done to me' A5.2:5,9.⁽¹²⁵⁹⁾ Whatever its origin, the phrase כַּחֲסֵן 'forcefully' does not belong here: כַּחֲסֵן אָתָּה עָלַי 'they came to my house by force' B8.4:4; לֹא לְקַחַת 'גִּבְסֵן מִן בֵּיתְךָ כַּחֲסֵן לֹא לְקַחַת'.⁽¹²⁶⁰⁾

g) On the so-called centripetal Lamed, see above at § 74 p.

§ 88. וי clauses⁽¹²⁶¹⁾

In addition to its function as relative pronoun and a conjunction introducing a) a subject or b) object clause, the ubiquitous וי displays (c-f) a rich variety of other uses.

a) וי יָדִיעַ וי חָנוּם הוּא עָלַי 'it is known that Khnum is against us' A4.3:7; וי אֵיתִי וי בִּפְקָדָן [הַפְקָדוֹ] 'it is the case that they were placed on deposit' B2.9:7.⁽¹²⁶²⁾

b) וי תִּדְעַן וי מִדַּעַם לֹא מִפְקָן לֵן 'you should know that nothing is

¹²⁵⁷ For a similar phenomenon in BH, see Brown - Driver - Briggs 1907:455a. Alternatively, in the last example, לֵן introduces, as an adversative conjunction, the following cleft sentence: 'but it is your sons ... that have right to it.'

¹²⁵⁸ So Porten - Yardeni (1993:37) as an alternative translation. So Vogt (1971:79): "rex est (vere) misericors." Vogt's examples, however, are quite diverse, including such as וְאֵתִי וְאֵתִי וְאֵתִי וְאֵתִי (iam) filius 62 annorum.'

¹²⁵⁹ On the whole question of the "emphatic" Kaph, see Muraoka 1985:158-64 and Joüon - Muraoka 1993: § 164 b.

¹²⁶⁰ Originally the phrase may have meant "in the manner of a violent man."

¹²⁶¹ For details, cf. Hoftijzer - Jongeling 1995:310-18.

¹²⁶² On this affirmative/asseverative force of וי אֵיתִי, first recognised by Staerk (1907:30), see also Muraoka 1985:77-81. An example in BA is Ezr 5.17 .. אֵתִי דִּי־מֶלֶךְ כֹּרֵשׁ מִלְּקָא שִׁים טָעַם 'if it is really so that an order was issued by Cyrus the king ..' Porten - Yardeni's (1989:43) translation "There are (these goods) which were placed on depos[it]" is forced, for an antecedentless relative clause usually has an indefinite antecedent.

brought to us' A2.5:2; הן צבה אנת ברי זי תהוהן 'if you, O my son, desire to be ..' C1.1:149.

c) A preposition, which, by definition, is followed by a noun phrase or its equivalent, may be combined with זי when its complement is cast in the form of a clause. Thus מן זי נפקת 'from (the time) that you left, since you left' A2.5:3; מן זי חנניה במצרים 'since Hananiah has been in Egypt' A4.3:7; אמר [... זי פסמשןך] 'concerning the fact that Psamshe[k] said' A6.8:6; אל תמלי לבת<י> 'Don't be angry [with me] because I didn't bring them' A3.3:10⁽¹²⁶³⁾; על זי החיתך 'on account (of the fact) that I spared you' C1.1:51; בוי מצריא שחד להן יהבן 'because the Egyptians give them a bribe' A4.2:4, sim. A4.2:7, A4.7:23, A5.1:2, A6.11:2; לקבל זי קדמן פמון אבוהי הוה חשל 'in accordance with (the way) that Pamun his father formerly used to pay' A6.11:6; לקבל זי ידכם 'Give him as much as you can' A4.3:9; "I .. gave it to Jehoishma .. because she supported me (לקבל זי סבלחני) B3.10:17; קבל זי לא כתב על ספר אנתחכי 'since it is not written in your document of wifehood' B3.11:7; בר מן זי אנת תתרך לאמה 'unless you evict his mother' B3.3:14.

The most frequently occurring combination is כד/כזי with a range of nuances⁽¹²⁶⁴⁾: *temporal*—כזי עדין יהוה 'when it will be time' B2.11:13; כתבת אנרתא זא כזי כן שמיע לן 'I wrote this letter when we had heard thus' A3.3:13; כזי חזית ... ענית 'when I saw .. I answered' C1.1:14; *modal*—[קד]מא הו עבדן 'in such a way that the former officials used to do' A6.10:7⁽¹²⁶⁵⁾; כזי לא נסבלנך כזי יסבל בר לאבוהי 'as it was formerly' A4.9:8; 'we shall not support you as a son would support his father' B3.6:13; *final*—אנתם קמו קבלהם כן כזי מלה באישה לא יהשכחון לכם 'You, stand by them so that they shall not find a bad thing about you' A4.3:6; ... יחשם טעם כזי איש מדעם באיש לא יעבד 'Let an order be issued so that one does not do any bad thing ..' A6.7:8, also A6.13:2⁽¹²⁶⁶⁾; *resultative*—"Samshek .. strictly guarded our domestic staff .. so that there was not any decrease from my

¹²⁶³ The emendation is virtually certain in view of the idiom attested elsewhere, always with a conjunctive pronoun (מלתי לבתי 'you were angry with me' A2.3:6; הוית מלא לבתיך 'I was angry with you' A3.5:4; מלין לבחכם 'they are angry with you' A4.2:11), לבתי מלא הא 'he is angry against me' (Ashur letter, line 20), and the Akkadian prototype as in *ma:diš libba:tiya mali* 'he was very angry with me' (CAD L, 164a). Cf. Appendix III.

¹²⁶⁴ Comparable to Gk. ὥς.

¹²⁶⁵ 'as previously' A6.7:9 is probably elliptical.

¹²⁶⁶ Not an object clause, *pace* Fitzmyer 1956:228.

estate (כזי מנדעם כסנחו לא היה מן ביתא זילי) A6.10:2⁽¹²⁶⁷⁾; "there is a well .. which does not lack water .. so that whenever they would be garrisoned, they drink the water in that well (כזי הן הנדיו יהוון) כזי בכל אחר ע[ני]הם—possibly *causal*—(בברא [ז]ך מיא שחין) A4.5:7; 'because their eyes and ears are everywhere' C1.1:81⁽¹²⁶⁸⁾; *quantitative*—'as much as you can do for him (I am doing for him)' A2.3:4; *noun clause (object)*—'I have thus heard that ..' A6.10:3; 'to swear .. that it had never been a plot (of land) of Dargamana' B2.2:6; 'I swore to him that it was mine' B2.3:24, probably also B6.4:7.

d) 'till' is unique in that it can also serve on its own as a conjunction: 'until they rescued me' A4.3:5, עד שזכוני 'until I killed' C2.1:74⁽¹²⁶⁹⁾, עד תחזה 'until you see' C1.1:80, עד יבנו 'until they build' C1.2:20, עד תחמלא בכסף 'until you are fully repaid your silver' B3.1:11,17, // עד כען 'till now' A4.3:7; עד מותך 'till your death' B3.6:12.

But in להצפנתך מנה ... עד זי לעדון אחרון וליומן אחרנן שגיאן קרבתך ... 'and I hid you from him ... until some time later and some many days later I presented you ...' C1.1:49 and זי עבדו עד זי 'until they did thus until this temple is rebuilt' A4.7:27 we have a compound form. In the revised version of the latter we have the compound in the reverse order: זי עד אגורא זך יתב[נה] A4.8:26. This latter sequence is attested in זי עד מנדת בגיא אלך 'in order that he release the rent(?) of those domains and bring' A6.13:3, sim. ib.4, which, however, is simplified in זי עד מנדת בגיא אלך 'in order that he bring the rent(?) of those domains to me' A6.14:3.⁽¹²⁷⁰⁾

¹²⁶⁷ At ib.6 we find an almost identical version with the only difference that היה is replaced by יהיה, which points to a close logical connection between purpose and result.

¹²⁶⁸ The context is difficult of interpretation: see Lindenberger 1983:73.

¹²⁶⁹ Not "while": the Akk. *adi muhhi* .. *addu:ku* (109f.) with a pf. can only mean 'when I killed.'

¹²⁷⁰ In connection with זי עד at A6.13:3,4 Driver (1957:76) cites Akk. *ki: adi*, an asseverative particle with verbs of oath, as the source of the Aramaic expression. But no such specific nuance fits any of our examples, though such an Akkadian calque did survive in QA, on which see Muraoka 1972:38f. זי עד in A4.7:27 and זי עד in A4.8:26 can be also translated as "in order that": on the semantic link between the notion of "until" and purpose, cf. Arb. *hatta*;, which attests to the same semantic range. The sense "until" is not in dispute in קרבתך ... עד זי 'until I .. presented you' C1.1:49. Pace Fitzmyer (1956:230) the phrase זי עד hardly introduces an object clause in these passages.

e) *וְ* preceded by an interrogative turned into a generalising relative pronoun has already been discussed above (§§ 42 e, 43) such as *מה וְ תעבדון* 'whatever you do' A4.3:8. We would here add only *אין וְ צבית* 'wherever she desires' B2.6:25,29 and *איך וְ עבד אתה* 'make known how you are' C2.1:66.

f) *וְ* followed by a pc. may be final in force, "in order that": *וְךָ דגנא וחנטתא וְ תאכל וחשב* 'Borrow the grain and the wheat so that you may eat (it) and be sated!' C1.1:129, though we may have here a slightly nuanced relative clause.⁽¹²⁷¹⁾ See § 52 f.

§ 89. Conjunctions other than *וְ* and *וְ* compounds

a) *או* 'or'

This can join a) single words, b) phrases or c) clauses. Examples are: a) *חמר או שכר* 'wine or beer' A6.9:3; *מחר או יום* 'tomorrow or another day' B2.1:6 *et passim*; b) *יכלא למחסה* 'to restrain Mahsah or a son of his' B2.1:9; *או לכר לה בכסף* 'for silver or affectionately' B3.12:26; c) *הן רשניך ... או נרשה* 'should we bring (suit) against you ... or should we bring (suit) against a son or daughter of you' B2.11:9.

More than two components may be concatenated: *יתן לכם או יתן לבניכם או למן וְ ירשון אביגרנא* 'he shall give you or your sons or whomever they bring (suit) against the penalty' B2.9:14; *אחתבסתי או אחוהי או ברה* 'Ahaturasti .. or his brother or his son' A6.14:4.

See above on coordination: §81 a, ed.

b) *הן* 'if': see § 84.

c) *וְ* 'and'

This can join a) single words, b) phrases or c) clauses. Examples are: a) *שמיא וארקא* 'heaven and earth' A1.1:2; *נקיה וגזתה* 'a lamb and its wool' A2.2:8; *שלם וחין* 'welfare and life' A2.4:5; *ספר חכים ומהיר* 'a wise and skilful scribe' C1.1:1; b) *לי ולמכבנת* 'about me and about Makkibanit' A2.1:8; *הוי חזית על תשי ועל ברה* 'Do look after Tashai and after her son!' A2.3:11; c) *ואנה נכתני* 'and as for me, the snake had bitten me and I was dying and you did not send (to inquire) if I was alive or if I was dead' A2.5:8; *נדן שמה ברי רבא* 'Nadin by name, my son, has grown up and he will succeed me' C1.1:18.

ca) This proclitic conjunction can concatenate more than two components: *נכי ועשה וחשי וענתי ואשי ורע* 'Nky and Ashah and Tashai and Anathi and Ati and Re(ia)' A2.1:3. See on coordination:

¹²⁷¹ Fitzmyer 1956:71.

§ 81 *ed.*

cb) The combination *וכעת* is used in two distinct ways, and frequently. On the one hand, in official correspondence, especially in the Arsames archive, the phrase follows the opening address and introduces the main body of the correspondence: "From PN to PN and PN and his colleagues. And now, I complained here .. (... *וכעת תצה אזה קבלה*)" A6.14:1; so also A6.1:1, A6.2:1, A6.7:1⁽¹²⁷²⁾, A6.8:1, A6.9:1, A6.10:1, A6.11:1, A6.12:1, A6.13:1, A6.15:1, A6.16:1. Some of these letters also use *כעת*, without the conjunction, later in the body of them, in order to mark the beginning of a new thought unit: e.g. A6.1:3, A6.2:22, A6.3:6, A6.6:4, A6.8:2, A6.11:3, A6.13:4, A6.14:2, A6.15:3, 6,9. At A6.3:5, 6.7:8 and A6.10:5 *כען* occurs instead, and at A6.10:3 *וכען*. On the other hand, all Hermopolis letters, with the exception of A2.7⁽¹²⁷³⁾, are very liberally laced with *כעת* at every turn: in A2.1, a letter of 15 lines, for instance, one counts as many as five instances of it, and in A2.3 (14 lines) we find eight occurrences (once without the Waw, line 6). This is probably a popularisation of the officialese.

cc) The conjunction Waw is commonly found in contracts in enumerating various possibilities and options, where "or" may be a better rendering: e.g., *לא יכהל בר וברה אח ואחה קריב ורחיק* 'son or daughter, brother or sister, near or far, member of a detachment or town shall not be able to restrain ..' B2.1:8; *ספר חדת ועתיק* 'a new or old document' B2.3:16; *לא בשימי ובשם* 'you have no right to sell (it) or to give (it)' B2.4:6; *בר דכר ונקבה* 'a child male or female' B2.6:20; *וביתא וביתא* 'in my name or in the name of my children' B2.10:13; *וילך ודי בניך ודי תנתן לה רחמא* 'and the house is yours or of your children's or of one to whom you give (it) affectionately' B3.12:30. Cp. *הן מחר או יום אחרן דרגמן או בר זילה ירשה* 'if tomorrow or the next day Dargamana or son of his bring (suit)' B2.3:26.

cd) The conjunction Waw is sometimes used to add a parenthetical thought or afterthought: e.g., *זבנת משח זית ליקה וכתן* 'I bought olive oil for Jake, and also a tunic' A2.2:11. The particle *אף* reinforces this nuance: the example just quoted is followed by: *ואף לכי תקבת 1 שפרת ואף משח בשם לבת בנת* 'and also for you a

¹²⁷² The author, after having written "And now, here it is well with me; also there may it be well with you," apparently realised that this is really part of the greeting, so that he introduces the real business with another *וכעת* (line 2).

¹²⁷³ Note that *וכען*, not *וכעת*, introduces the main body of this short letter, written by a scribe other than one(s) who wrote the rest of the corpus.

pretty vessel, and also scented oil for the Temple of Banit' *ib.* 11.

ce) It is not certain that *ו* .. *ו* can be used with the force of "both .. and": 'Both Tapamet and Ahatsin are supporting him' A2.3:5.⁽¹²⁷⁴⁾ See, however, *אף לחם אף קמח* 'Give him both bread and flour' D7.1:13.

§ 90. Some particles

a) *אף* (ca. 112x)

The basic meaning of this highly frequent particle is that of addition. When that which is to be added relates to a statement as a whole, it occupies the initial slot in an utterance: "moreover, what is more."⁽¹²⁷⁵⁾ That this additive function does not relate in such cases to the immediately following word or phrase is evident in a case such as *אף אחרנן בעי[ן] מן אחר אחרן ומהוס[פן] ע[ל] בית* 'moreover, they are seeking others from another place and adding to the house of their masters' A6.10:4, for basically the same idea is repeated in *אף מן אחר אחרן* *ib.* 2.⁽¹²⁷⁶⁾ Nor can the particle be construed with *איתי* in ... 1 *אף איתי ספר מרחק* 'moreover, there is a document of withdrawal ..' B2.3:23, *sim.* B2.11:12 nor with the presentative *הא* 'behold' A6.14:4, B2.2:7, B2.7:13. In a case such as *אף אנה ידבח לה* B3.10:17 a translation "I too, i.e. not only someone else, gave (it) to her" is clearly precluded by the context. The only word that can precede *אף* is *כען* as in *אף כען* 'Now, moreover, I have sent (word) previously ..' A6.10:5.

When *אף* relates only to part of an utterance, it immediately precedes that part. It may appear in the middle of a clause where appropriate. Thus *אף אמך* must be construed with *אמך* in a highly elliptical *אף אמך* ("Since the day that you went on that way, my heart has not been glad. Likewise, your mother") A3.3:2. This is true when the particle is repeated: *אף לחם אף קמח הב[ן] לה* 'Give him both bread and flour' D7.1:13. So also with an adverb: "here it is well with me. Also there may it be well with you (*אף תמה*)" A6.7:2. See also *אף ואתן ואף* "and now, I bought olive oil

¹²⁷⁴ So Porten - Yardeni *ad loc.*, though the first conjunction can mark loose connection with the preceding.

¹²⁷⁵ *Pace* Greenfield - Porten (1982:48f.) this must apply to C2.1:68.

¹²⁷⁶ Thus, *pace* Joüon (1934:22), *אף יזכנו ברין ולא יצדקון* in *אף* 'Moreover, they might go to law, but they would not win' B3.1:19 is not strictly a conditional particle: it retains its basic additive force—even if one went that far, ...

and a tunic for Yake, and also a pretty vessel for you, and also perfumed oil for the Temple of Banit' A2.2:11. One notes that all these examples of **אף**, with only one exception (A6.7:2), relating to the immediately following NP, occur in private letters.

b) אפם (17x)⁽¹²⁷⁷⁾

Just like its synonym **אף** **את חובי זילכי** 'your share is furthermore yours' B5.1:7⁽¹²⁷⁸⁾, **אפם**, which is no doubt derived from **אף**, appears to have the basic meaning of addition, as can be seen from "Anani .. a Jew of the detachment of Nabukudurri, said to Pakhnum .. an Aramaean of Syene of that detachment also (לדגלא זך אפם)" B3.13:2; **והן לא השכחת אפם חת** 'and if you do not find (any), still come down!' A3.8:8. This particle, with only one exception, as well as **אם** dealt with below, occur always in the same position in legal documents: A certain agreement is reached, and then a clause providing for a penalty in case of contravention of terms of the agreement is inserted, which is rounded off by a statement to the effect that the agreed terms are **אפם/אם** in force. The intent is most likely to confirm that the agreement is "still" valid despite the breach. For example, **ברי יהוה אפם** 'he shall still be my son' B3.9:8 forcefully restates the freedom to be conferred on Jedaniah ("he shall be my son", ib.5, repeated ib.9). Noteworthy is that **אפם**, just like **אם**, may occupy the end position in a clause: in addition to the above quoted B3.9:8, see **אפם ביהא ביתא** 'the house is still your house' B2.3:15,22; **אפם אגרא זילך** 'the wall is still yours' B2.1:10; **אפם אגרא זילך** 'that wall is still yours' ib.7; **אפם ביתי זילהם** 'my house is still theirs' B3.5:22.⁽¹²⁷⁹⁾

Like **אם**, also **אפם** may be found between the subject and the predicate of a nominal clause: **אפם זילך ארקא** 'that land is still yours' B2.2:15; **אפם זילכי ביתא** 'the house is still yours' B3.5:16; **אפם זילכם ביתא** 'the house is still yours' B2.10:16; **אפם רחיק מן** 'and he is still withdrawn from these possessions' B2.9:15.

אפם always⁽¹²⁸⁰⁾ appears in an equational nominal clause, so that **אפם זילך ארקא** B2.2:15, for instance, irrespective of the context, cannot mean "that land of yours still," though the reverse

¹²⁷⁷ Cf. Yaron 1961:88.

¹²⁷⁸ See Skaist 1983:34.

¹²⁷⁹ The same scribe shows a variation: **אפם זילכי ביתא** 'the house is still yours' ib.16.

¹²⁸⁰ Two exceptions are to be found at B5.5:6 and A3.8:8.

is not necessarily true, for אֲרָקָא וְזִילֵךְ could mean that.⁽¹²⁸¹⁾

c) אִם (7x)

On the sense of this particle, see above under אִפֹּם . It does not occupy the initial slot in a clause, but in two instances it stands at the end of one: $\text{אִם בֵּיתָא זִילֵךְ}$ 'the house is still yours' B3.4:16,19. Thrice it stands between the preceding subject and the following adjectival predicate: $\text{וְאַנְחִי יְהוֹיִשְׁמָע אִם שְׁלִיטָא}$ 'and you, Jehoishma, still have right' B3.10:20; $\text{וְאַנְחִי אִם שְׁלִיטָא בְּבֵיתָא}$ 'and you still have right to this house' B3.11:11,14; also in the middle of a nominal clause— $\text{אִם דִּילְכִי וְבֵיתָא}$ 'and (the) house is still yours' B2.7:11. Only once in a verbal clause, and this happens to be the sole exception where the above definition of the particle and אִפֹּם does not apply, but it rather seems to be asseverative in force: $\text{וְנִכְסֵיָא זִי לְקָחוּ אַתְבוּ אִם עַל מְרִידָם}$ 'and the possessions which they had taken they certainly returned to their owners' A4.4:8. This exception suggests that both particles of ours may be interpreted as asseverative particles in all their occurrences in our legal corpus, for the statement containing them invariably reiterates and reinforces the main tenet of the document in question.⁽¹²⁸²⁾

As regards the relationship between these two synonymous particles, it appears that they are variants of scribal style: אִם is used only by Haggai (B2.7, B3.4, B3.10, B3.11) and אִפֹּם by, all the other scribes, namely Pelatiah (B2.1), Itu (B2.2), Attarshuri (B2.3), Mauziah (B2.9, B2.10, B3.5), Raukhshana (B3.9), Showeram (B3.13).⁽¹²⁸³⁾ Both are spread over a similar chronological range.

d) כִּי (12x)

With two exceptions (A1.1:6*bis*) all occurrences of this particle are confined to the proverbs of Ahiqar. The largely fragmentary nature of this text often makes it difficult to capture the precise meaning of the particle. In most cases it appears to indicate a logical reason or ground for the preceding statement: e.g. "[A person w]ho does not exalt in the name of his father and in the name of his mother, may (the) su[n] not shine [for him] for he is a bad person ($\text{כִּי גִבֵּר לַחָה הוּא}$)" C1.1:138; "A little man, when he becomes big, his words soar (?) above him, for the opening of his mouth is an utterance of god[s] ($\text{כִּי מִפֶּתַח פִּמּוֹ מַעֲנֵה אֱלֹהִים}$)" ib.162. Some authorities, however, hold that כִּי is sometimes

¹²⁸¹ See above, § 59 d.

¹²⁸² An alternative interpretation mentioned by Porten - Szubin 1987:187.

¹²⁸³ See also Porten 1984: 396.

"emphatic."⁽¹²⁸⁴⁾

e) לם (49x)⁽¹²⁸⁵⁾

In so far as the context is available, the particle appears to be mostly confined to direct speech: e.g., לם אכל אמר לך לם, 'and I shall not be able to say to you, "I repaid you your silver .."' B3.1:11; ... ישלח לם אשרנא ונה יתיהב 'Let (word) be sent, "These materials are to be given .."' A6.2:21; [סנ'יא שדר] לם אברמנא 'A bramble sent (a letter) to a pomegranate: "(From) the bramble to the pomegranate .."' C1.1:101; ... לם אזלו 'Go ..' C2.1:53; ... לם אל תדושרו 'I sent (word) to you: "Don't dispatch .."' D7.44:2. See also C1.1:20; A4.7:6, A4.8:5, A4.9:2; B3.1:11,13; D7.20:8, D7.29:4, D7.48:8.

The particle may also appear after the initial word or phrase of a direct speech: e.g. ... מסיפת שלח גרדא לם זי מראתי כחש 'Masapta sent (word), "He has assaulted the domestic staff of my lady .."' A6.15:8; [ו]ן אמר ברא לם יהוה לי 'and he said, "he shall be my son"' C1.1:2; ... לם ש[י]ם טעם מנתא לם זי יהבה 'an order was i[ss]ued to us, "The share which is given .."' A6.1:2; ... לם כות טב 'If it thus please my lord' A6.13:2; ... לם אחיקר עבית 'I, Ahīqar, feared, answered ..' C1.1:45; ... לם אמרת 'I said ...' D23.1 II: 12. See also *ib.* 54 (at the end of a clause), 58, 60 (possibly between two clauses); A6.2:2; A6.13:1 (after an antecedent of a relative clause); A6.15:5 (*ditto*); *ib.* 1 (after a clause-initial adverbial adjunct).

In two instances in the Ahīqar narrative, לם may not seem to have much to do with direct speech in the strict sense: ... וסגרת 'and I Ahīkar prostrated ..' C1.1:13, and the above-quoted *ib.* 45. It ought to be remembered, however, that the Ahīqar narrative is presented as the hero's monologue. Some authorities view the particle as somewhat emphatic. For instance, at C1.1:45: Cowley (1923:221)—"I, Ahīkar, indeed was afraid"⁽¹²⁸⁶⁾.

¹²⁸⁴ So Kottsieper (1990:209)—"zur Einführung eines betonten Abschlusssatzes »Ja!«"; Lindenberger (1983:70)—"the 'emphatic' *kī*"; Hoftijzer - Jongeling (1995:497)—"verily, surely." Such a claim, however, is difficult to substantiate. See further Muraoka 1985:158-64 and Joüon - Muraoka 1993: § 164 *b*.

¹²⁸⁵ The etymological link with Syr. *lam* is generally recognised. The latter can occur also in the middle of a clause. Kaufman (1977:121f.) has identified a variant form, לאם, a stage earlier than לם, in a mid-seventh century legal document from Assyria, and it possibly occurs at B6.3:8 (broken context).

¹²⁸⁶ Cf. also Hoftijzer - Jongeling (1995:578)—"I, A., indeed was afraid"; Porten - Yardeni 31—"I was afraid, indeed (I) Ahīkar" (the Hebrew translation indicates uncertainty: לאמר/אכן). See also Cowley 1923:220: "Surely he shall

be a son to me" (C1.1:2); Grelot 1972:433, n. *b* "Litt. : «Certes il sera pour

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1	אבגנרן אביגנרן אבגרנא אביגרנא	*abigarana-	Hinz 18	penalty	B2.9:14,10:15,11:10; 3.8:31, 9:7; 13.7; 5.5:6;
2	אבשוכן	*abišavaka-	Shaked (but cf. Hinz 18)	pressers	A6.7:5
3	אדונא	*advan-	Hinz 23	route	A6.9:5
4	אדרנג אדרנגי א[דרנ]גיכי	*adranga-	Hinz 22-3	guarantor	B3.10:18, 11:12, 12:27
5	אודיס	*avadaisa-	Hinz 51	statement	A4.10:12
6	אופכרחא אופכרחה	*upakṛta-	Hinz 243-44	reckoning	A6.2:5; C3.8IIIB:24
7	אופסתה	*upasta-	TAD C 244	upasta-(land)	C3.21:4,9
8	אופשר אופשרה	*upačāra-	Hinz 243	needs (?)	A6.2:3,6,9,22
9	אזד	*azdā-	Hinz 52	known (pass. ptc.)	A4.5:8
10	אזדכרא אזדכריא	*azdākara-	Hinz 52	herald	A6.1:5,7
11	אזת	*azātā	Hinz 52	free	B3.6:4
12	אימנש	*ayaumaniš-	Sims-Williams BSOAS 1981:6	remiss	C2.1:69
13	אספרן	*asprna-	Hinz 46	in full	A6.13:4
14	אפית	*upaiti-	EPE 117, Shaked	necessary	A6.2:9
15	ארדב	*rdβa	Hinz 204	ardab (= 3 seah)	B4.3:8
16	אשרן אשרנא	*āčarna-	Hinz 21	material	A4.5:18,7:11;6.2:5; 3.4:23
17	אתרוודן	*ātrvaδana-	Hinz 49	brazier	A4.5:7
18	בג בנא בנה בניא	*baga-	Hinz 53	domain/ property	A6.4:2, 11:5, 13:1, C3.6:8

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19	בדיכר	*badikar-	Hinz 64	artisan	A6.12:2
20	ברומדנא	*brazmaḏana-	Hinz 67	temple	D17.1:1
21	גושכא	*gauṣaka-	Hinz 105	informer ("hearer")	A4.5:9
22	גנזא	*ganza-	Hinz 102	treasure	A6.2:4+
23	גסת (פתגם)	*gasta- (patigāma)	Hinz 103	harsh (word), evil	A6.7:5, 8:13, 10:9
24	גרדא	*grda-	Hinz 107	domestic staff	A6.10:1-2,4-6,8,10:2, 12:2, 15:8-10
24a	גרד אמנן וספון שפיק		Hinz 107	staff of crafts- men of every kind in sufficient (number)	A6.10:2-3, 6-7
25	ג (גריו = ג)	*gr̥βa-	Hinz 108 (but 1/3 ardab ≠ Aram. גרב)		B4.4:7
26	דושון	*duš-van-	Shaked (orally) ill-willed		B8.4:2
27	דשכרת	*duškrta-	Hinz 90; Berger 43	crime	A4.5:3
28	דרות	*druvatāt-	Shaked (orally) peace		D17.1:5
29	דשנא	*ḏašna-	Hinz 84	grant	A6.4:1-6
30	הדאכנו	*hada- abīgva-	Hinz 109	accrued increment	A6.13:5
31	המנית	*ham-au- nita-	Bogoljubov 73	in agreement	A4.5:4, 7:5
32	המרכריא	*hm̄arakara-	Hinz 121	accountant	A6.2:4+
33	המכריגרב	*hamakārya- grab-	Segal 16, 207; Shaked	pledge, joint holding	B8.10:5
34	הנבג הנבנא	*hanbāga	Hinz 115	partner in realty	B5.5:9; C3.28:40+
35	הנניח	*hangyθa-	Hinz 116	partner in chattel	B5.5:9+
36	הנרון הנדונה	*handaunā-	Hinz 115-6 Benveniste 302	coating, varnish, paint	A6.2:5, 17
37	הנריו הנרז	*handizā-	Hinz 116	was garrisoned	A4.5:7; 6.7:6; B2.7:4
38	הנדרז הנדרזא	*handarza-	Hinz 115	order, instruction	A6.13:3-4, 14:3
39	הנפנא	*hanpāna-	Hinz 117	protection	B3.10:9,11:4

40	הפתחפתא	*haftaxvapāfā	Hinz 110	guardian of the seventh (part of the world/kingdom)	B3.9:2-3
41	וויך		Geiger 80b	a vessel	C3.28:107-8
42	וספון	*vispazana	Berger 54	of every kind	A6.10:3, 7
42a	גדר אמנן וספון שפיק	*vispazana-	Berger 54	staff of crafts- men of every kind in sufficient (number)	A6.10:2-3, 6-7
43	ורשבר	*xvaršbara-	Hinz 140	plenipotentiary	A6.5:2, 11:1
44	זיני	*zyāni-	Hinz 279	damages	A6.15:8
45	זן	*zana-	Hinz 276	kind, manner	A6.1:3
46	זרניך זרניכא	*zarnyaka-	Hinz 278	arsenic	A6.2:17,21
47	יודן	*yau-dāna-	Shaked	barley-house	A4.5:5
48	יוזא	*yawza-	Hinz 275	revolt, unrest	A6.11:2, 4
49	כסנחו	*kasunaθva-	Hinz 150	diminishment, decrease	A6.9:8, 10:2
50	כרש כרשן	*kršā	Berger 57	a weight	B3.2:8; 5.1:7+
51	מגושא מגושא	*magu-	Berger 58	Magian	B3.5:24; C2.1:75
52	נופח נופחא	*nāupati	Hinz 174	shipmaster	A6.2:2, 7-8
53	נפרח	*nipart-	Shaked Or 412	litigation(?)	B2.8:3; 8.9:5
54	נשחון	*ništavana-	Hinz 176	rescript	A6.1:3
55	ספיתכן	*spitakan	cf. Hinz 226	whitener (?)	A6.2:9, 22
56	סראושחא	*sraušyafā-	Hinz 227	chastisement, punishment	A6.3:6-7
57	פסעדת	*pasča dāti-	EPE 243, n.15	after-gift	B3.11:7
58	פריפת	*friya-pati-	EPE 248	main beloved; chief of the beloved	B3.12:11
59	פרמנכריא	*framnakara-	Hinz 96-97	foreman	A6.2:4, 8; C3.8IIIB:1
60	פתר	*fratara-		openly	C2.1:67
61	פתורך פתורכא	*frataraka-	Hinz 98	governor, Chief	A4.5:4, 7:5, 8:5; B2.9:4
62	פתרכא	*frataka-	Hinz 98	the foremost	A5.2:7

63	פתגם פתגמא	*patigama-	Hinz 186	word	A6.8:3, 10:9; B8.8:2-3, 5; D7.39:8
64	פתפרס פתפרסא פתפרסן	*patifrasa-	Hinz 186	investigator, interrogator	A4.2:3, 12
65	פזכר	*patikara-	Berger 62	statue, likeness	A6.12:2-3
66	פזכרכר	*patikarakara-	Hinz 187	sculptor	A6.12:1-3
67	פזסו	*patislava-	Hinz 188	praiseworthy	A6.16:4
68	פזף פזפא	*piθβa	Hinz 193	rations	A6.9:2,4, 6, 12:1; B3.13:4- 5;5.5:7-8, 10; C3.14:38, 41
69	רמי	*ramya	Hinz 198	refined	A6.9:3
70	רסחכה	cf. רִסְחָקָא Berachot 54a	Geiger 386; Shaked		C3.21:2, 8
71	שוזיא	?		the troubles	A6.10:4
72	חפזיא	*tipati	Hinz 236	overseer, supervisor	A4.5:9

EGYPTIAN

	Aramaic	Demotic/ Egyptian	Lexica	Reference	Translation	Source
1	אפסי	ips (perhaps ips.t)		EPE 119, n.46	stanchion(s)	A6.2:12
2	גמא	qm3, qm	Wb V.37,14; Glossar 537		reed	B2.6:15; 3.8:17
3	דרי	dri.t		EPE 121, n.167	wall	A6.2:20
4	דדירסי דרי סרי	t3ry.t.rsy.t		EPE 238	southern room	B3.10:3, 3.11:3
5	הירא	hyr		Porten-Szubin ? 1982		B3.2:3-9
6	חלא	hry.t(?)		EPE 119, n.42	*deck	A6.2:12
7	חסיה	hsy	Glossar 329		praiseworthy	D20.5:4
8	חזפי	h3p.t	Glossar 338	Grelot no. 84	offering table	D20.1:1
9	פף	dp	Wb V 447, 5	Vittmannpace EPE 118, n.29	part of ship's mast	A6.2:10, 18

10	מלוח	MEΛWT <i>melot</i> 'ceil- ing, canopy'	Crum 165a	Zauzich	board(?)	C3.7Gr.3:25+
11	מנחה	mnḥ.t	Glossar 163	Vittmann	excellent one	D20.6
12	נמעתי	nb mʕty			Lord of the Two Truths	D20.5:4
13	סי	sy	Glossar 407 Crum 317b	TAD C, xx	beam	C3.7Gr3:24+
14	סעבל	s'i-bl	Glossar 370; Cerný 255	EPE 118, n.36; exterior planking s'ʕ= ship planking (Anastasi IV, 7/11); bl = outside		A6.2:11
15	פחטמוני	pʕ ḥt-tʕw- mny.t		EPE 119, Vittmann	mooring pole	A6.2:12
16	פסחמצנחתי	pʕ sh mdʕ. tntr		Zauzich, Enchoria 116; Book of God Segal	Scribe of the	B8.12:4
17	פעקס	pʕgs		Hoch 84 # 102	(leather) belt	A3.8:9
18	פערער	*pʕ 'r	Wb I 236, 10	EPE 119, n.45	prow;	A6.2:12
19	פק	ⲡⲟⲖ ⲡoke (Coptic)	Crum 286a	Zauzich (orally)	gangplank plank	C3.7Jv1:24+
20	קנדר/רחעא	qnd/rt 'ʕ	Glossar 541 Glossar 677 Glossar 254 Glossar 448	TAD C xx	large sea-going vessel (?)	C3.7Gr1:12+
21	קנדר/רחשירי	qnd/rt šrr		TAD C xx	small sea-going vessel (?)	C3.7Gr2:22+
22	קנחנחי	qnḥ-ntr		Couroyer 556	divine shrine	B3.10:9
23	צפעדה	*dp-ʕ	Glossar 677	Zauzich 116	large bowl	D8.10:1
24	רסי	rsy	Glossar 254	EPE 238, n.8	southern	B3.10:3
25	שנבי נחוח	šw nby n 'ḥw.ti	Glossar 448	Quack 15-21	guilty emptiness of farmer (poor harvest caused by negligence)	B1.1:7-8
26	שנמא	šnt w n t w	Glossar 516	Couroyer 559; Cerný 247	linen robe; apron	B3.8:11
27	תחית	tʕ ḥyt	Glossar 377; Crum 713b	Couroyer 557	courtyard	B3.7:13, 10:4

28	חמא/חמי	t3 my.t "the way, road"	<i>Glossar</i> 152	Couroyer 253	way, road;	חמי = B3.4:8 חמא = B3.5:10
30	חמאנח	t3 mzy.t ntr or error for	<i>Glossar</i> 148, 52	Couroyer 558; Vittmann (let-ter)	"island" of the god <i>or</i> way of the god	B3.10:9
31	חמיס	tms/tms		<i>EPE</i> 119, n.48	panelling	A6.2:13, 20
32	חמנחא	t3 mnḥ.t	<i>Glossar</i> 163		"excellent one"	D20.5:1
33	חסדרא	t3 shr.t	<i>Glossar</i> 445		royal barque	C1.2:1
34	חקבת	t3 qbt	<i>Glossar</i> 534	<i>Archives</i> 267f., n. 13	a vessel	A2.1:5, 2:11
35	חקב	tgm	<i>Glossar</i> 662	<i>Archives</i> 92, n. 159	castor oil	A2.1:7, 2:13, 4:12, 5:5; B2.6:16; 3.3:6, 8:20
36	חרי	t3 ry.t	<i>Glossar</i> 241	Couroyer 557	room	B3.5:3, 6, 10:4, 11, 11:3, 6, 12:13, 21
37	חשי	t3 šzyt	Faulkner 261		customs duty	C3.7Kv2:6+

AKKADIAN

	Aramaic	Akkadian	Akkadian source	Translation	Source
1	אגרא	igaru	Kaufman 57	wall	B2.1:4, 10+
2	אגור	ekurru	Kaufman 48	temple	A4.7:6, 14; B3.4:9+
	אגורא				
	אגורי				
3	אגרה	egirtu	Kaufman 48	letter	A3.3:13, 5:5, 6:3+
	אגרת				
	אגרתא				
4	אלף	elippu	Kaufman 48	boat	A2.6:9; 3, 1:3; C1.2:7, 3.14:39; D7.2:4
	אלפא				
	אלפן				
	אלפי				
5	אב*	inbu	Kaufman 58	fruit	C1.1:101

6	אדדכל אדדכל	arad ekalli	Kaufman 35	builder	B2.6:2, 8:2
7	אשלן	ašlu "measuring rope"	Kaufman 39	aroura	B1.1:3; C3.20:2+
8	בב, בבא בבה	bābu	Kaufman 40	gate, (accounting) entry	A4.4:6; B3.11:3; C1.1:17; 3.28:4+
9	בירח (*) רחא	birtu	Kaufman 44	fortress	A4.5:5, 7:8; B3.4:4+
10	בעל טעם	bēl ṭemi	Kaufman 109, n. 390 (see discussion there)	chancellor	A6.2:23
11	גשר גשורן גשרן	gušūru	Kaufman 53	beam	A2.2:14-15, 4:9-10; B3.4:5, 5:8, 7:4, 10:13, 11:2, 12:13
12	דש דשטן דשטיא דשיהם דשיהום	daltu	Kaufman 45	door	A4.7:10-11; B3.10:13, 11:3, 12:13
13	זוז	zūzu	Kaufman 114	zuz = half shekel	A2.2:4, 6; B3.4:6, 15, 18, 8:17, 9:8; 4.3:17, 4:15; 5.5:3
14	חלדן	ḥālfuru	CAD H 47	ḥallur = 1/40 shekel	B2.6:14+
15	חם	ḥamū	Kaufman 53	straw	B2.6:25, 28; 3.3:8, 10
16	כנחה כנחהם כנחה	kinattu	Kaufman 64	colleague	A6.1:7; B2.2:6; C1.1:99+
17	כרצי	karṣu	Kaufman 63	slander	D20.5:2
18	לחן לחנא, לחנה	lahḥinu lahḥinat u	Kaufman 66	temple servitor	B3.2:2, 5:23, 12:2+
19	מכס	miksu	Kaufman 72	tax	C3.11:8, 28:50
20	חמלי לבת מלא לבתך מלחי לבחי מלין לבחכם	libbāti malū	Kaufman 66	to be angry with	A2.3:6; 3.3:10, 5:4; 4.2:11
21	מלח, מלחא מלחן	malāḥu	Kaufman 69	boatman	B2.1:13, 2:11; 3.12:20

22	מנדת מנדתא	maddattu	Kaufman 67	tribute, rent, payment	A6.13:3; B3.6:7+
23	מסכן	muškēnu	Kaufman 74	poor man	C2.1:68
24	מקלן	maqlūtu	Kaufman 70	burnt offering	A4.10:10
25	מת, מחא	mātu	Kaufman 71	land	A1.1:9; C1.1:36
26	נגיא	nagû	Kaufman 75	region	B4.4:3
27	נגריא	naggāru	Kaufman 75	carpenter	A6.2:9, 22
28	נכסן נכסין etc.	nikkassu	Kaufman 77	property, goods	A4.7:16; 6.10:8; B2.8:4
29	נפחר	napharu	Kaufman 76	total	C2.1:49, 61
30	נשי ביחא נשי ביהן	niše bīti	Kaufman 78	household person- nel	A6.11:2,4,12:2; D6.8b, d:2 f:2
31	סנן	šaknu	Kaufman 97	prefect	A6.2:9,21;B2.3:13; 3.1:13,18,10:19,11:13, 12:28; 4.6:14; 5.4:2,5
32	פחה, פחח פחחא, פחחא	pīhātu	Kaufman 82	governor, official	A1.1:9; 3.3:4; 4.7:1, 29; C2.1:31
33	רב כצרא	rab kišri	CAD K 442f.	cohort commander	D11.1:2
34	רבי, רביא	rabû	Kaufman 87	young man	C1.1:33, 38
35	שושאנא שושאנא	šušānu	CAD S° III 379; Dandamayev, <i>Slavery</i> , 626ff.	horse trainer; an official	A3.11:4; C3.26:15
36	שוב	šūzubu	Kaufman 105	to rescue	A4.3:5
37	תרבצא תרבצה	tarbašu, "stall"	Kaufman 107	court, courtyard	A6.1:7; B3.4:4,10:4,7,14- 15, 11:3

GREEK

	Aramaic	Greek	Greek source	Translation	Source
1	סחחר	στατηρη	TAD C, 85	weight	C3.7Ar2:2; 3.7Br1:13, 20
2	פינך	πίναξ		plate	D7.57:8

SOME REMARKS ON THE LOAN-WORDS

A considerable proportion of the leixcon of our corpus has been borrowed from Akkadian (37 lexemes), Egyptian (36), Persian (72), and Greek (2). These loans account for nearly 10% of the total vocabulary of our corpus: 147 out of 1586 lexemes. The Akkadian words had become part of the Aramaic language prior to the descent into Egypt of the first wave of migration. The Egyptian words naturally derived from the local environment while the Persian words are the product of imperial influence.

Iranian

The Persian loan-words may be divided into the following categories: titles, official correspondence, legal, realia, and literary. Virtually all titles and occupations are designated in Persian—**azdākara*- 'herald'; **gaušaka*- 'informer'; **hmāarakara*- 'accountants'; **xvaršabara*- 'plenipotentiary'; **magu*- 'Magian'; **nāpuati*- 'shipmaster'; **spitakan*- 'whitener'; **framānakara*- 'foremen'; **frataraka*- 'Chief'; **frataka*- 'the foremost'; **patifrāsa*- 'investigator'; **patikarakara*- 'sculptor.' By far the largest number of words is to be found in the well-represented correspondence of the satrap Arsham (A6.1-16) and of the head of the Jewish community Jedaniah (A4.5, 7-8, 10). Almost every letter in the former collection contains one or more loan-words. Local uprisings or disturbances are called **yauza* (יחזא) or ??? (שחזא). There are not only technical terms, such as **handarzu* (הנדרזו) 'instruction' or **grda* (גרד) 'domestic staff,' but what would appear to be an ordinary adjective **vispazana*- (וספזן) modifying such terms as in the expression גרד אמנן 'staff of craftsmen of all kinds.' Another common word is called upon to warn against any 'diminishment' (**kasunaθva* = כסנזו) of staff. The parade example of the interweaving of loan-words is Arsham's instructions to repair a boat. Orders are issued to the 'accountants' (**hmāarakara* = המרכריא [pl.]) and the 'foremen' (**framānakara* = פרמנכריא [pl.]) to make 'its reckoning' (**upakrta* = אופכרתה), give the 'materials' (**āčarna* = אשרנא) and 'its coating' (**handauna* = הנדונה) so that 'its needs' (**upačāra* = אופשרה) be done. After inspection the accountants report: "This is the 'material' which is 'necessary' (**upaiti* = אפיתי) in order to do 'its needs' A6.2:4-5, 9-10. In their correspondence with the authorities the Jews also used Persian loan-words: **duškrta*- 'crime', **avadaisa*- 'statement,' **azdā*- 'known,' **hamaunitā*- 'in

agreement' (perhaps even 'in collusion'). The latter word was used in the first draft of Jedaniah's petition to Bagavahya (A4.7:5) but in the second draft of it was abandoned for the explicit 'silver and goods they gave Vidranga' (A4.8:5). Legal terms are sparse and first appear at Elephantine in the second half of the fifth century: **abigarana* 'penalty'; **āzāta* 'free.' **friya-pati* 'main beloved,' **nipart* 'litigation,' **pasča dāti* 'after-gift,' the triad **hanbaga* 'partner in realty'-**hangaḥa* 'partner in chattel'-**ādranga* 'guarantor'. At Saqqara we have **hamakāyagrab* 'joint-holding,' **dušvan* 'ill-willed,' and also **nipart* 'litigation(?)'. An architectural term appears at the end of the century, alongside two Egyptian loan-words: **hanpāna* 'with *qnḥ-ntr* and *t3 my.t ntr* (see below). Weights and measures are expressed in Persian from the beginning: **grīḇa* and **rdḇa* dry measure, **kṛša* a weight. The composition of Ahīqar predates the Persian period but the paragraph from Darius' tomb inscription incorporated into the end of the Bisitun text contains the Persian loans אַיַמַש **ayaumainiš* 'well-being' and פִּרְתָר **fratara* 'openly.' The incorporation of Persian loan-words into Imperial Aramaic occurred throughout the Empire and several such words in Egyptian Aramaic are also to be found in Biblical Aramaic: **āčarna* 'materials' Ezr 5.3; **asprnā* 'in full' Ezr 5.8, **azda* 'known' Ezr 2.5, **ganza* 'treasure' Ezr 7.20, **ništāvana* 'direction, order' Ezr 4.18, **patigāma* 'word, action' Ezr 4.17, **sraušyātā* 'punishment' Ezr 7.26, and **tipati* 'overseer, supervisor' Dn 3.3.

Egyptian

The Egyptian loan-words fall into the following categories: boats, architecture, cult(ure), law, diverse objects and miscellaneous. Fully 40% of the words deal with boats. Most of these occur in a single letter (A6.2) authorizing boat repair and several are conjectural or speculative: אַפְסִי *ips* (perhaps *ips.t*) 'stanchion' line 12, דְּרִי *dri.t* 'wall' line 20, חֶל *hry.t* 'bulwark, dock' line 12, טֶף *tp* 'bow' (of ship) line 10, 18, סַעֲבֵל *s*i*-bl* 'exterior planking' line 11, פַּחַמְמִי *p3 ht-t3-mny.t* 'the mooring pole' line 12, פֶּעֶרֶר **p3 r*r** 'the prow, gangplank' line 12, חֲמִס *tms/tms* 'panelling' line 13. Besides these ship parts, three different types of boat are mentioned elsewhere: קַדְרָחַעַא *qnd/rt* זֶ 'large sea-going vessel(?),' קַדְרָחַשִׁירִי *qnd/rt šrr* 'small sea-going vessel(?),' and חֲסֶהֶרָא *t3 shr.t* 'the royal barque.' About a quarter of the terms are architectural or denote building materials. They occur in contracts or in a Customs Account: דְּרִירִסִי *t3 ry.t rsy.t*

'southern room,' הירא *hyr* 'some kind of realty,' מלות *melot* (Coptic) 'a board,' סי *sy* 'a beam,' פק *poke* (Coptic) 'a plank,' קנחתי *qnḥ-ntr* 'divine shrine,' תחית *tḥ* *hyt* 'the courtyard,' תמי *tḥ my.t* 'the way, road,' תמואתי *tḥ my.t ntr* 'the divine road.' Four or five words (a tenth of the total) are found on Egyptianizing funerary stelae: חסיה *hsy* 'praiseworthy,' חתפי *htp* 'offering table,' מנחה and תמנחה (*tḥ mnḥ.t*) '(the) excellent one,' נמעתי *nb mḥty* 'Lord of the Two Truths.' A composite phrase has been detected in an early land lease from Korobis: שו *šw nbyn* 'guilty emptiness of farmer' (i.e. poor harvest caused by negligence). Diverse objects such as clothing, vessels, and flora also found their way into Aramaic: גמא *qmḥ, qm* 'reed' (already at Ex 2.3), פקס *pḥ* 'gs' 'leather belt,' צפה *ḏp-ḥ* 'large bowl,' שנטא *šnt* '(linen) robe (in a dowry),' תקבה, תקבה *tḥ qbt* 'the vessel,' תקם *tgm* 'castor oil.' Lastly we note a title and an economic term: פסחמנחתי *pḥ sh mdḥ.t-ntr* 'The Scribe of the Book of God' and תשי *tḥ šzyt* 'the customs duty.' Awareness of borrowing is noted in the gloss to the equally borrowed Akkadian *tarbaṣu*—" (they call it in) Egyptian תחית (= *tḥ hyt* 'courtyard') " B3.7:5, 10:4. Similarly there is an Egyptian gloss to a Persian word: "the wall of הנפא (*hanpāna* 'protection') which the Egyptians built, i.e. תמואתי (*tḥ mḥy ntr*, 'the use of the god' or error for *tḥmy.t ntr* 'the way of the god') B3.10:8.

Akkadian

The Akkadian loan-words fall into the following categories: titles, architecture, topography, economics, and literary. More than one third consists of titles and personal descriptions: *arad* 'builder,' *bēl ṭēmi* 'chancellor,' *kinattu* 'colleague,' *laḥḥinu* 'temple servitor,' *maḥāhu* 'boatman,' *muškenu* 'poor man,' *naggāru* 'carpenter,' *niše bīti* 'household personnel,' *šaknu* 'prefect,' *piḥātu* 'governor, official,' *rab kiṣri* 'cohort commander,' *rabū* 'young man,' and *šušānu* 'horsegroom, official.' One fifth of the terms are architectural (including nautical): *igāru* 'wall,' *ekurru* 'temple,' *elippu* 'boat,' *bābu* 'gate, (accounting) entry,' *birtu* 'fortress,' *daltu* 'door,' *gušūru* 'beam,' and *tarbaṣu* 'courtyard.' There are five economic terms—*zūzu* 'zuz (= a half-shekel), *ḥāllūru* 'hallur (= 1/40 shekel), *miksu* 'tax,' *maddattu* 'tribute, rent, payment,' *naphāru* 'total'; three topographical terms—*ašlu* 'measuring rope, aroura,' *mātu* 'land,' *nagū* 'region'; six miscellaneous terms for discrete objects—*egirtu* 'letter,' *inbu* 'fruit,' *ḥāmū* 'straw'—or literary idioms—*karṣu* 'slander,' *libbāti malū* 'to be angry with,'

and *šūzubu* 'to rescue.'

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CONCORDANCE			OF	TEXTS	
Hermopolis	<i>TAD</i>	Grelot	8	B3.9	49
1	A2.3	25	9	B3.10	50
2	A2.2	26	10	B3.11	51
3	A2.4	27	11	B3.13	52
4	A2.1	28	12	B3.12	53
5	A2.5	29	13	A3.9	105
6	A2.6	30			
7	A2.7	31	14	B6.1	
Padua	<i>TAD</i>	Grelot	15	B3.8	
1	A3.3	14	16		
2	A3.4		17	C3.16	
Adon	A1.1		18	B3.2,8	
Driver	<i>TAD</i>	Grelot	Cowley		
1	A6.5	63		<i>TAD</i>	Grelot
2	A6.4	62	1	B5.1	2
3	A6.3	64	2	B4.4	54
4	A6.8	65	3	B4.3	
5	A6.7	66	4		
6	A6.9	67	5	B2.1	32
7	A6.10	68	6	B2.2	33
8	A6.11	69	7	B7.2	9
9	A6.12	70	8	B2.3	34
10	A6.13	71	9	B2.4	35
11	A6.14	72	10	B3.1	4
12	A6.15	73	11	B4.2	3
13	A6.16	74	12	C4.4	56
Kraeling	<i>TAD</i>	Grelot	13	B2.7	36
1	B3.2	42	14	B2.8	37
2	B3.3	43	15	B2.6	38
3	B3.4	44	16	A5.2	18
4	B3.5	45	17	A6.1	60
5	B3.6	46	18	B6.4	5
6	B3.7	47	19	C4.5	57
7	B3.8	48	20	B2.9	39
			21	A4.1	96

22	C3.15	89	59	B7.4
23	C4.6	58	60	
24	C3.14	55	61-63	C3.13
25	B2.10	40	64	
26	A6.2	61	65,3 + 67,3	B5.2
27	A4.5	101	66	A4.6
28	B2.11	41	67	
29	B4.5	6	68	
30	A4.7	102	69	B8.5
31	A4.8	102	70	A5.3
32	A4.9	103	71	C1.2
33	A4.10	104	72	C3.12
34	A4.4	100	73	C3.19
35	B4.6	7	74	C4.9
36	B6.2		75	C3.21
37	A4.2	97	76	A5.4
38	A4.3	98	77	
39	A3.7	15	78	C3.25
40	A3.6	16	79	
41	A3.5		80	A5.5
42	A3.8	17	81	C3.28
43	B5.5	8	82	
44	B7.3	10	83	C3.27
45	B7.1	11		
46	B6.3			
47	B5.4			
48	B2.5			
49	B4.1			
50				
51	C4.7			
52	C3.3			
53	C4.8	59		
54	A3.1			
55	A3.2			
56	A4.4			
57				
58				

Dates and scribes of *TAD* documents

A		
1.1	end 7c	Adon
2.1-7	late 6 - early 5c	Hermopolis
3.1	1st half of 5c	
3.2	dit	
3.3	2nd quarter 5c	Padua 1
3.4	last quarter 5c	Padua2
3.5	late 5c	
3.6	last quarter 5c	
3.7	dit	
3.8	dit	
3.9	399	
3.10	end 5c - early 4c	
3.11	mid 4c	
4.1	419	
4.2	late 5c	
4.3	late 5c	
4.4	last dec. 5c	
4.5	410 or a bit later	
4.6	ca. 410	
4.7	407	
4.8	407	
4.9	after 407	
4.10	dit	
5.1	436/5	
5.2	434/3	
5.3	late 5c	
5.4	dit	
5.5	dit	
6.1	427	
6.2	411	Nabuaqab
6.3	late 5c	
6.4	late 5c	
6.5	late 5c	
6.6	dit	
6.7	dit	
6.8	dit	Aḥpepi
6.9	dit	Rashta
6.10	dit	Rashta
6.11	dit	Rashta

6.12	dit	Rashta
6.13	dit	Rashta
6.14	dit	
6.15	dit	
6.16	dit	
B		
1.1	515	Makkibanit (Bauer-Meissner)
2.1	471	Pelatiah
2.2	464	Itu
2.3	460	Attarshuri
2.4	460/459	Attarshuri
2.5	mid 5c	
2.6	458/445	Nathan s. Ananiah
2.7	446	Nathan s. Ananiah
2.8	440	Peteisi
2.9	420	Mauziah s. Nathan
2.10	416	dit
2.11	410	Nabutukulti s. Nabuzeribni
3.1	456	Nathan s. Anani
3.2	451	Bunni s. Mannuki
3.3	449	Nathan s. Anani
3.4	437	Haggai s. Shemaiah
3.5	434	Mauzia s. Nathan
3.6	427	Haggai
3.7	420	
3.8	420	Mauziah s. Nathan
3.9	416	Raukhshana s. Nergal(u)shezib
3.10	404	Haggai s. Shemaiah
3.11	402	dit
3.12	402	dit
3.13	402	Shaweram s. Eshemeshezib
4.1	beg 5c	
4.2	ca 487	Gemariah s. Ahio
4.3	483	Hosea [=author]
4.4	483	Hosea
4.5	407	
4.6	400	[Haggai s. Shemaiah]
4.7	2nd half 5c	

5.1	495	
5.2	last quarter 5c	
5.3	1st half 5c	
5.4	mid 5c	
5.5	last quarter 5c	
5.6	end 4c	
6.1	446	
6.2	2nd half 5c	
6.3	ca. 3rd quarter 5c	
6.4	last 3rd of 5c	Mauziah s. Nathan s. Ananiah
7.1	413	[Mauziah s. Nathan s.] Anani
7.2	401	
7.3	late 5c	
7.4		
8.1	467/6 or 446/5	
Saqqarah [Segal]		
8.2-12		
Saqqarah [Segal]		
C		
1.1	5c	Ahiqar
1.2	3rd quarter 5c	
2.1	ca. 421	Bisitun
3.1	end 7c	
3.2	end 7c	
3.3	6c	
3.4	late 6c - early 5c	
3.5	1st half 5c	
3.6	dit	
3.7	ca. 475	Customs account
3.8	473-71	
3.9	mid 5c(?)	
3.10	mid 5c	
3.11	ca. 416	
3.12	420 or 411	
3.13	after 411	
3.14	400	
3.15	400	
3.16	400	
3.17	end 5c	
3.18	end 5c	
3.19	end 5c	
3.20		
3.21	end 5c	

3.22	
3.23	
3.24	
3.25	end 5c
3.26	end 5c - beg 4c
3.27	4c
3.28	3c
3.29	2nd half 3c
4.1	mid 5c
4.2	mid 5c
4.3	2nd half 5c
4.4	ca 420
4.5	ca410
4.6	ca400
4.7	end 5c
4.8	end 5c
4.9	late 5c to early 4c

INDEX OF TECHNICAL TERMS

- adverbial: an adverb or its equivalent
- allomorph: one out of a set of forms which together constitute a morpheme. The consonantal suffix /s/ is an allomorph of the plural number of the English noun alongside /z/, /iz/ etc.
- allophone: a positionally determined alternant of a phoneme. The vowel /i/ of *bid* is slightly longer than that of *bit* due to the voiced / voiceless contrast of the following consonants.
- analytic: said of a linguistic expression in which distinct multiple constituent morphemes are given as self-contained words. E.g., *of Lord* in *word of Lord* is analytic in comparison with its Latin equivalent, *verbum domini*.
- anaphora, anaphoric: reference to something mentioned earlier in a discourse
- anceps: a word-form with a final vowel which is optionally long or short
- antecedent: a noun or its equivalent further expanded by the following relative clause
- aphaeresis: loss of a sound at the beginning of a word
- apocope, apocopation: loss of a sound at the end of a word
- apodosis: a clause introducing a consequence of a condition when met
- asyndesis, asyndetic: a) a simple juxtaposition of two finite verbs without a subordinating conjunction or subordinating structure such as the use of an infinitive; b) an asyndetic relative clause is one which lacks the relative pronoun, e.g. *the book I read* instead of *the book which I read*.
- attributive: said of an adjective which expands a noun or noun phrase, e.g. *good* in *good books*
- cataphora, cataphoric: reference to something to be mentioned shortly in the course of a discourse, = "the following"
- conjunctive pronoun: a pronoun which occurs phonetically fused with another noun, e.g. Engl. *himself*
- circumstantial clause: a clause indicating a situation or action as background to the main event
- dativus commodi/incommodi: dative of advantage or disadvantage for the person indicated
- deictic, deixis: said of a form serving to point to a person or

dental: a consonant articulated with teeth such as /d/ and /t/

diachronic: said of a way of describing data of a language of a period by having regards to earlier and later periods of the language

disjunctive pronoun: a pronoun which can occur on its own, e.g. Engl. *he*

enclitic: said of a word, esp. pronoun, which enters close cohesion with the preceding word, e.g. /z/ in /hi:z/ (= Engl. *he's* for either *he is* or *he has*)

extrapose, extraposition: positioning a word outside, usually upfront, of a clause in order to give it extra prominence, e.g. *that book I shall never read!*

factitive: causing a certain state, e.g. *heighten* as against *high*

fientive: said of a verb which denotes an action or process

finite verb: a verb form not inflected in respect of grammatical person, viz. infinitive and participle

fricative: a consonant articulated by friction with the air moving through a narrow passage such as [f], [s], [v]

functional opposition: a difference in linguistic expressions which indicates a difference in meaning

head: a unit forming the nucleus or kernel of a phrase and further to be expanded. E.g., *books* in *great books* is the head of the noun phrase *great books*.

hyper-correction: overdone correction

immediate constituent: one of the two or more constituents of a syntagm at a given level of syntactic hierarchy. In *My Egyptian friend built that green house*, "My Egyptian friend" and "built that green house" are immediate constituents of the sentence as a whole, "My," "Egyptian," and "friend" are immediate constituents of the subject of the sentence, "My ... friend" and "Egyptian" are immediate constituents of the noun phrase, and "My" and "friend" are immediate constituents of the ultimate subject noun-phrase, and so on.

impersonal: said of an expression of unparticularised reference. E.g. *One is not allowed to smoke here* as against *She is not allowed ...*

infix: a morphological element inserted within the stem of a word as against prefix and suffix

or dialect spread over a wide geographical area

marked: so called when a linguistic form has a formal indication of a certain feature contrasting it with one which lacks such. For instance, the singular of the English noun *book* is unmarked as against its plural *books*.

metathesis: swapping of position of two sounds within a word, e.g. Heb. *histatter* for **hitsatter* 'he hid'

morpheme: a minimum unit of speech that occurs frequently and is meaningful, e.g. Engl. /-ed/ as past tense morpheme

nisbéh: an Arabic technical term referring to an adjective with a suffix /a:y/ indicating membership of a class, e.g. יוֹנִי /yawna:y/ 'Ionian'

nomen agentis (pl. nomina agentis): a noun denoting a person who performs a certain action, e.g. *supporter*

noun phrase: a noun itself or a phrase having the syntactic status of a noun, such as an attributive adjective plus a noun

pitch accent: accent expressed in differences in musical tone

phoneme: a sound constituting a minimal pair with another to effect a change in meaning. The consonant /k/ of *cat* and /p/ of *pat* are two distinct consonantal phonemes.

plosive: a consonant articulated with a sudden release of a puff of breath such as /p/

plurale tantum (pl. pluralia tantum): a noun used only in the plural such as *goods*.

predicative: said of an adjective which is the predicate of a clause as *big* in *That house is big*.

prefix conjugation: a conjugation of the verb characterised by the addition of a prefix as well as a suffix marking person, gender and number

preformative: an inflectional element attached to the beginning of a word stem, e.g. Aramaic Peal infinitive *mizban* 'to buy' vs. Pael infinitive *zabba:n:a*

presentative: a word positioned at the beginning of a discourse or utterance to introduce it and draw the hearer's or reader's attention to it, e.g. "Look here," "Listen!," "Behold" in English.

proclitic: said of a word which forms close cohesion with the following word, often spelled together with the latter, e.g. French *je t'aime* 'I love you' for **je te aime*

prolepsis: a pronoun, mostly conjunctive, anticipating and taking in advance (Gk. πρόληψις) a referent to which it refers. E.g.

"Yesterday I ran into *him*, (I mean) her father."

protasis: a clause stating a condition

radical: a consonant as part of a root

sandhi: a phonetic modification occurring across word-boundary, e.g. French *les amis* 'the friends' pronounced /ləzami/ as against *les livres* /lə li:br/, or the pronunciation of the word *here* in *here and there* /hiərən ðə/ as against that of the same word in *here comes the dreamer* /hiə kʌmz .../

sibilant: a hissing consonant such as /s/, /z/, /ʃ/ (*sh* in Engl. *shoe*)

spirantisation: plosive consonant articulated as fricative, e.g. /b/ as [v], /p/ as [f]

solecism: a gross error in language use

stative: said of a verb which denotes a state or property

stop: a consonant articulated with momentary halt of the breath such as /b/, /p/, /d/, /t/

stress accent: accent expressed in terms of physical force of articulation

suffix conjugation: a conjugation of the verb characterised by the addition of a suffix marking person, gender and number

sufformative: an inflectional element attached to the end of a word stem

synchronic: said of a way of describing linguistic data of a given period or a corpus without having regard to earlier or later periods of the language or data in other cognate languages

syncope: loss of a sound in the middle of a word

syntagm (pl. syntagmata): a linguistic expression consisting of multiple elements forming a syntactic unit, e.g. the English present perfect consisting of a form of the verb *have* and the past participle as in *have done*, or the sequence [demonstrative pronoun + noun] as in *this unit*

synthetic: said of a phonetically fused linguistic expression containing within it distinct multiple morphemes. E.g., Lat. *verbum domini*, in which *domini* is a synthetic form which corresponds to two distinct elements in English, *word of-Lord*.

voiced: said of a consonant articulated with simultaneous vibration of the vocal cords—e.g., /g/ is a voiced counterpart of unvoiced or voiceless /k/.